

Converting Colors

YUV(240.4170, -15.9816,
-7.3817)

Have a look what the booklet for
YUV(240.4170, -15.9816, -7.3817)
contains.

| | |
|--|----|
| YUV(240.4170, -15.9816, -7.3817) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(240.4170, -15.9816,
-7.3817)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8FBD0 |
| RGB | 232, 251, 208 |
| RGB Percent | 91%, 98%, 82% |
| CMY | 0.0902, 0.0157, 0.1843 |
| CMYK | 0.08, 0.00, 0.17, 0.02 |
| HSL | 87°, 84%, 90% |
| HSV | 87°, 17%, 98% |
| XYZ | 79.1611, 90.7042, 73.0099 |
| YIQ | 240.4170, 2.4790, -17.4010 |

Conversions

Conversions Part 2

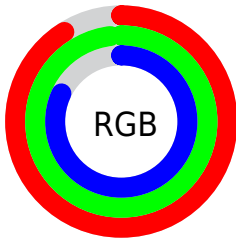
| Format | Color |
|-------------------------------------|--|
| RYB | 208, 251, 227 |
| Decimal | 15268816 |
| CIELab | 96.29, -13.57, 18.55 |
| CIELCh | 96, 22.982, 126.194 |
| Yxy | 90.7042, 0.3259, 0.3735 |
| Android (android.graphics.Color) | 4293458896 (0xFFE8FBD0) |
| YUV | 240.4170, -15.9816, -7.3817 |
| Hunter-Lab | 95.2388, -18.3013, 21.2155 |

Details

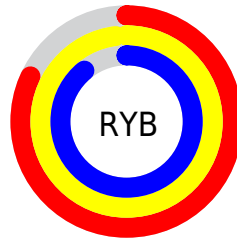
The YUV color $240.4170, -15.9816, -7.3817$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $218.5830, 15.9816, 7.3817$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.0580, -14.8186, -7.0669$ is the 20% darker color. If you saturate the color by 10%, you get $234.2780, -25.2801, -11.6448$, and if you desaturate by 10%, it is $246.5560, -6.6831, -3.1186$.

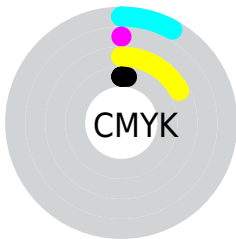
Distribution



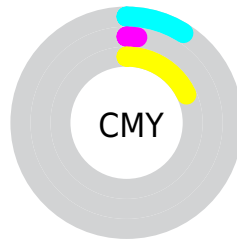
- Red (91%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.4170, -15.9816, -7.3817 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 240.4170, -15.9816, -7.3817 by changing the saturation by 10% instead.

240.4170,
-15.9816, -7.3817

240.4170,
-15.9816, -7.3817

255.0000, 0.0000,
0.0000

211.8300,
-15.6922, -6.8669

184.0580,
-14.8186, -7.0669

157.0580,
-14.8186, -7.0669

131.1720,
-14.3818, -7.1668

105.6990,
-13.6556, -6.7520

81.8130, -13.2188,
-6.8520

58.3400, -12.4926,

-6.4372

■ 36.3400, -12.4926,
-6.4372

■ 14.6750, -7.2348,
-12.8700

■ 240.4170,
-15.9816, -7.3817

■ 240.4170,
-15.9816, -7.3817

■ 234.2780,
-25.2801, -11.6448

■ 246.5560, -6.6831,
-3.1186

■ 228.1390,
-34.5785, -15.9079

■ 252.3530, 1.3050,
1.4444

■ 222.0000,
-43.8770, -20.1710

■ 252.6520, 1.1576,
2.0592

■ 215.8610,
-53.1755, -24.4341

■ 209.7220,
-62.4739, -28.6972

■ 203.1700,
-72.0618, -33.4751

■ 197.0310,
-81.3603, -37.7382

■ 190.8920,
-90.6588, -42.0013

■ 189.1970,
-93.2741, -43.1458

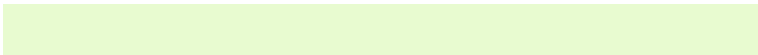
Harmonies

Analogous

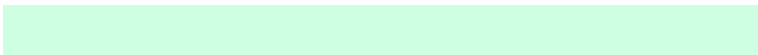
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.2730, -20.8406, 11.1616



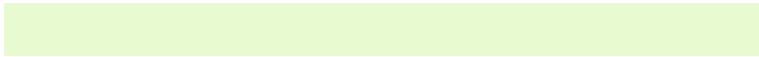
240.4170, -15.9816, -7.3817



237.3420, -5.5916, -26.6099

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.4170, -15.9816, -7.3817



236.4950, 9.1230, -32.8831



238.0280, 0.9722, 14.8844

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240.4170, -15.9816, -7.3817



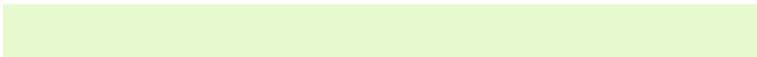
218.5830, 15.9816, 7.3817

Split Complementary

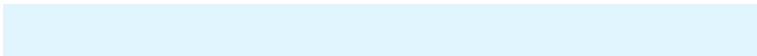
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.9454, 12.3552



240.4170, -15.9816, -7.3817



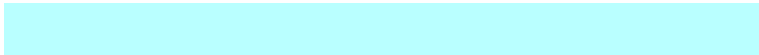
240.1600, 7.3161, -13.2953

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



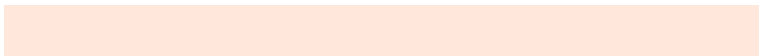
240.4170, -15.9816, -7.3817



234.0700, 10.3185, -43.0344



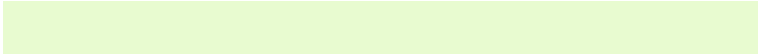
244.1350, 5.3564, 8.6516



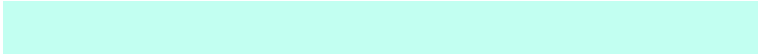
236.8080, -8.7793, 15.9544

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.4170, -15.9816, -7.3817



235.1650, 2.8767, -36.1017



244.1350, 5.3564, 8.6516



238.9400, 4.4666, 14.0846

Sweetspot

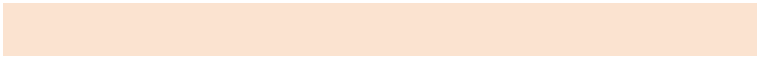
The Sweet Spot groups the original color and five complimentary colors.



240.4170, -15.9816, -7.3817



251.7240, -4.7939, -2.3889



232.0100, -11.8369, 16.6542



125.8920, -2.9048, -1.6593



0.0000, 0.0000, 0.0000



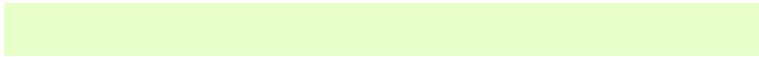
128.0000, 0.0000, 0.0000

Same Dimension

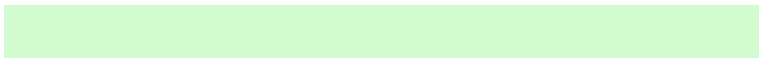
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.4170, -15.9816, -7.3817



241.6680, -20.0493, -9.3558



234.1380, -12.8860, -20.2920



121.7240, -4.7939, -2.3889



142.3380, -70.1726, -32.7454



45.9730, -22.6647, -10.5003

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



218.5830, 15.9816, 7.3817



214.3320, 20.0493, 9.3558



224.8620, 12.8860, 20.2920



115.2760, 4.7939, 2.3889



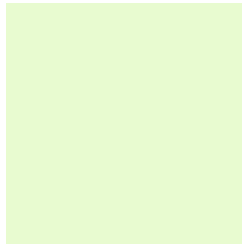
46.3630, 70.3200, 32.1306



15.0270, 22.6647, 10.5003

Previews

White Background



This preview shows how the YUV color 240.4170, -15.9816, -7.3817 looks on a white background.

Color Contrast Check

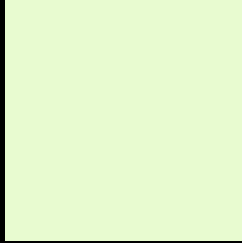
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 240.4170, -15.9816, -7.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

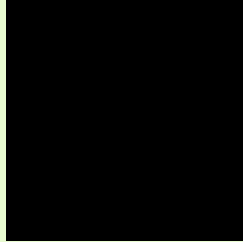
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

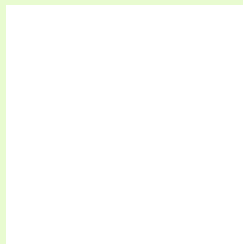
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.4170, -15.9816, -7.3817

Background



This preview shows how black text looks on a background with the YUV color 240.4170, -15.9816, -7.3817.



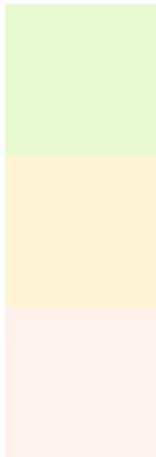
This preview shows how white text looks on a background with the YUV color 240.4170, -15.9816, -7.3817.

-7.3817.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

240.4170, -15.9816, -7.3817

Protanopia

243.6410, -15.5990, 9.9618

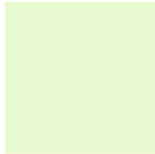
Deuteranopia

244.5020, -4.6845, 9.2067

Tritanopia

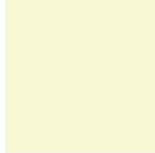
244.6560, 5.0996, -2.3293

Trichromacy



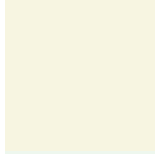
Original Color

240.4170, -15.9816, -7.3817



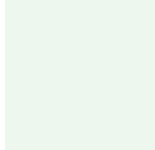
Protanomaly

242.8960, -15.7247, 3.5992



Deuteranomaly

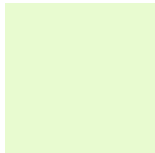
243.3180, -9.0308, 3.2291



Tritanomaly

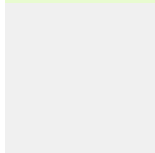
243.2830, -2.6045, -4.6332

Monochromacy



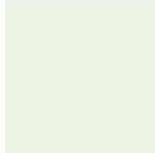
Original Color

240.4170, -15.9816, -7.3817



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

240.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.4170, -15.9816, -7.3817 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(232, 251, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 251, 208) }
```

Border

The CSS property to change the border of an element to YUV 240.4170, -15.9816, -7.3817 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 251, 208) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 251, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(232, 251,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 240.4170, -15.9816, -7.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 251, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
251, 208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor