

Converting Colors

YUV(228.7440, -15.1568,
8.1175)

Have a look what the booklet for
YUV(228.7440, -15.1568, 8.1175)
contains.

YUV(228.7440, -15.1568, 8.1175)	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(228.7440, -15.1568,
8.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE6C6
RGB	238, 230, 198
RGB Percent	93%, 90%, 78%
CMY	0.0667, 0.0980, 0.2235
CMYK	0.00, 0.03, 0.17, 0.07
HSL	48°, 54%, 85%
HSV	48°, 17%, 93%
XYZ	73.7498, 78.8480, 64.7582
YIQ	228.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

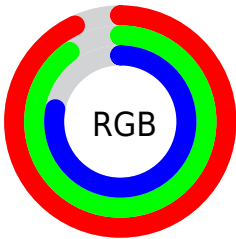
Format	Color
RYB	208, 238, 198
Decimal	15656646
CIELab	91.17, -2.46, 16.57
CIELCh	91, 16.757, 98.456
Yxy	78.8480, 0.3393, 0.3628
Android (android.graphics.Color)	4293846726 (0xFFEEE6C6)
YUV	228.7440, -15.1568, 8.1175
Hunter-Lab	88.7964, -7.1407, 18.9179

Details

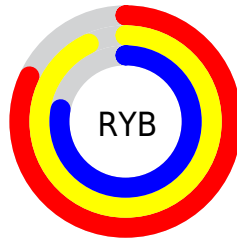
The YUV color $228.7440, -15.1568, 8.1175$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $207.2560, 15.1568, -8.1175$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.5590, -14.5726, 7.4028$ is the 20% darker color. If you saturate the color by 10%, you get $223.0730, -24.1930, 13.0910$, and if you desaturate by 10%, it is $234.4150, -6.1206, 3.1440$.

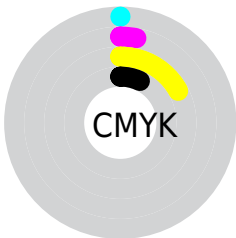
Distribution



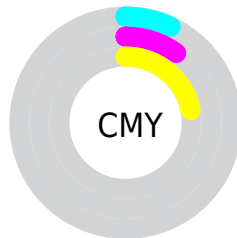
- Red (93%)
- Green (90%)
- Blue (78%)



- Red (82%)
- Yellow (93%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7440, -15.1568, 8.1175 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 228.7440, -15.1568, 8.1175 by changing the saturation by 10% instead.

■ 228.7440,
-15.1568, 8.1175

■ 228.7440,
-15.1568, 8.1175

255.0000, 0.0000,
0.0000

■ 200.8580,
-14.7200, 8.0175

■ 173.5590,
-14.5726, 7.4028

■ 146.6730,
-14.1358, 7.3028

■ 120.9010,
-13.2622, 7.1028

■ 95.7160, -12.6780,
6.3881

■ 72.4170, -12.5306,
5.7733

■ 49.3460, -11.5096,

4.9586

■ 28.0750, -13.8410,
6.0732

■ 3.5220, -1.7363,
-3.0888

■ 228.7440,
-15.1568, 8.1175

■ 228.7440,
-15.1568, 8.1175

■ 223.0730,
-24.1930, 13.0910

■ 234.4150, -6.1206,
3.1440

■ 217.4020,
-33.2292, 18.0644

■ 240.0860, 2.9156,
-1.8294

■ 212.4320,
-42.1180, 22.4231

■ 243.4600, 5.6892,
-4.7884

■ 206.7610,
-51.1542, 27.3966

■ 246.3950, 4.2423,
-7.3624

■ 201.0900,
-60.1904, 32.3701

■ 249.3300, 2.7953,
-9.9364

■ 195.4190,
-69.2266, 37.3435

■ 249.9170, 2.5059,
-10.4512

■ 190.3350,
-78.5522, 41.8022

■ 184.7780,
-87.1516, 46.6757

■ 182.6920,
-90.0672, 48.5051

Harmonies

Analogous

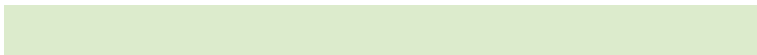
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.5220, -15.0473, 19.7132



228.7440, -15.1568, 8.1175



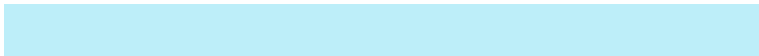
226.9810, -11.3296, -6.1223

Triad

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



228.7440, -15.1568, 8.1175



224.6030, 12.0277, -31.2238



232.9730, 4.4503, 19.3177

Complementary

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



228.7440, -15.1568, 8.1175



207.2560, 15.1568, -8.1175

Split Complementary

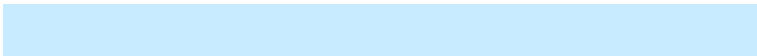
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7200, 11.4770, 5.5076



228.7440, -15.1568, 8.1175



226.8150, 13.8952, -23.5168

Square

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



228.7440, -15.1568, 8.1175



224.0780, 4.8915, -29.0094



228.6750, 12.9782, -9.3620



230.5620, -2.2491, 21.4321

Rectangle

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



228.7440, -15.1568, 8.1175



225.4790, -6.6451, -15.3291



228.6750, 12.9782, -9.3620



232.6350, 7.0819, 15.2291

Sweetspot

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



228.7440, -15.1568, 8.1175



251.7570, -4.8102, 2.8441



210.8720, -2.4019, 23.7913



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

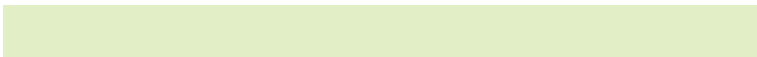
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.7440, -15.1568, 8.1175



243.3160, -19.3828, 10.2469



229.8520, -15.7030, -3.3782



116.8710, -4.3734, 2.7441



141.3050, -69.6634, 37.4435



43.1590, -21.2774, 11.2616

Inverse Universe

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



207.2560, 15.1568, -8.1175



215.6840, 19.3828, -10.2469



206.1480, 15.7030, 3.3782



110.5420, 4.6628, -2.2293



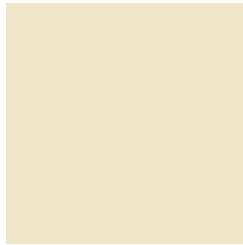
42.6950, 69.6634, -37.4435



12.8410, 21.2774, -11.2616

Previews

White Background



This preview shows how the YUV color 228.7440, -15.1568, 8.1175 looks on a white background.

Color Contrast Check

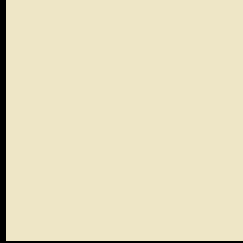
Large Text (above 18pt) WCAG AA × Fail

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 228.7440, -15.1568, 8.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

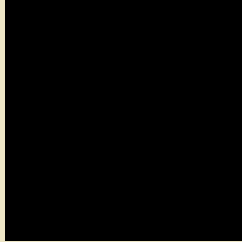
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

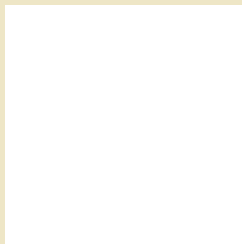
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.7440, -15.1568, 8.1175

Background



This preview shows how black text looks on a background with the YUV color 228.7440, -15.1568, 8.1175.



This preview shows how white text looks on a background with the YUV color 228.7440, -15.1568, 8.1175.

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

228.7440, -15.1568, 8.1175

Protanopia

229.0540, -15.3096, 10.4766

Deuteranopia

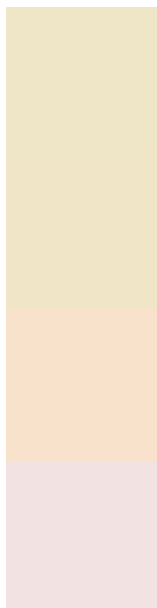
230.8580, -11.2690, 21.1725



Tritanopia

231.9180, 4.4774, 10.5959

Trichromacy



Original Color

228.7440, -15.1568, 8.1175

Protanomaly

228.7550, -15.1622, 9.8619

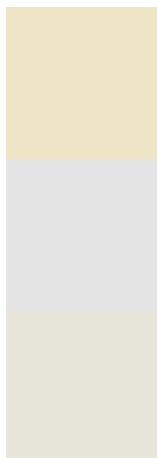
Deuteranomaly

230.3690, -12.9999, 16.3394

Tritanomaly

230.6700, -2.7953, 9.9364

Monochromacy



Original Color

228.7440, -15.1568, 8.1175

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.6430, -5.2470, 2.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7440, -15.1568, 8.1175 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(238, 230, 198)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 198)  
}
```

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(238, 230, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 198) }
```

Border

The CSS property to change the border of an element to YUV 228.7440, -15.1568, 8.1175 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(238, 230, 198) }
```


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

```
.border{ border-color:rgb(238, 230, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 198);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 228.7440, -15.1568, 8.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 198) }
```

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

```
.background{ background-color: rgb(238,  
230, 198) }
```

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