

Converting Colors

YUV(237.0750, -17.2920,
-7.0818)

Have a look what the booklet for
YUV(237.0750, -17.2920, -7.0818)
contains.

| | |
|--|----|
| YUV(237.0750, -17.2920, -7.0818) | 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(237.0750, -17.2920,
-7.0818)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E5F8CA |
| RGB | 229, 248, 202 |
| RGB Percent | 90%, 97%, 79% |
| CMY | 0.1020, 0.0275, 0.2078 |
| CMYK | 0.08, 0.00, 0.19, 0.03 |
| HSL | 85°, 77%, 88% |
| HSV | 85°, 19%, 97% |
| XYZ | 76.5412, 88.0571, 68.8397 |
| YIQ | 237.0750, 3.4420, -18.3340 |

Conversions

Conversions Part 2

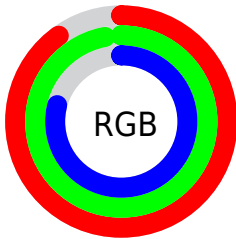
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 202, 248, 221 |
| Decimal | 15071434 |
| CIE Lab | 95.18, -14.06, 20.04 |
| CIE LCh | 95, 24.485, 125.057 |
| Yxy | 88.0571, 0.3279, 0.3772 |
| Android (android.graphics.Color) | 4293261514 (0xFFE5F8CA) |
| YUV | 237.0750, -17.2920, -7.0818 |
| Hunter-Lab | 93.8387, -18.6212, 22.1922 |

Details

The YUV color $237.0750, -17.2920, -7.0818$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $212.9250, 17.2920, 7.0818$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.3030, -16.4184, -7.2817$ is the 20% darker color. If you saturate the color by 10%, you get $231.2350, -26.7379, -10.7301$, and if you desaturate by 10%, it is $242.9150, -7.8461, -3.4335$.

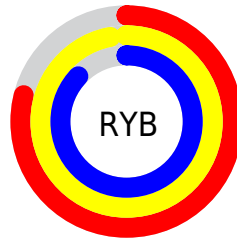
Distribution



Red (90%)

Green (97%)

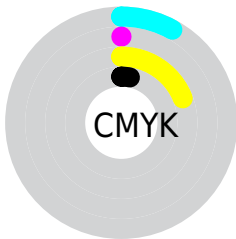
Blue (79%)



Red (79%)

Yellow (97%)

Blue (87%)

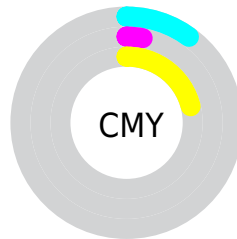


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (3%)



Cyan (10%)

Magenta (3%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.0750, -17.2920, -7.0818 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 237.0750, -17.2920, -7.0818 by changing the saturation by 10% instead.

■ 237.0750,
-17.2920, -7.0818

■ 237.0750,
-17.2920, -7.0818

255.0000, 0.0000,
0.0000

■ 208.6020,
-16.5658, -6.6670

■ 181.3030,
-16.4184, -7.2817

■ 153.8300,
-15.6922, -6.8669

■ 128.2430,
-15.4028, -6.3521

■ 103.0580,
-14.8186, -7.0669

■ 78.5850, -14.0924,
-6.6520

■ 55.6990, -13.6556,

-6.7520

■ 33.7700, -14.6766,
-5.9373

■ 13.5010, -6.6560,
-11.8404

■ 237.0750,
-17.2920, -7.0818

■ 237.0750,
-17.2920, -7.0818

■ 231.2350,
-26.7379, -10.7301

■ 242.9150, -7.8461,
-3.4335

■ 225.3950,
-36.1837, -14.3784

■ 248.7550, 1.5998,
0.2149

■ 219.3700,
-45.0454, -18.7415

■ 250.8910, 2.0257,
3.6036

■ 213.5300,
-54.4913, -22.3898

■ 207.6900,
-63.9372, -26.0381

■ 201.8500,
-73.3830, -29.6864

■ 195.7110,
-82.6815, -33.9495

■ 189.9850,
-91.6906, -37.6978

■ 189.2300,
-93.2904, -37.9127

Harmonies

Analogous

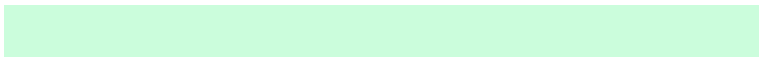
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.8280, -22.5932, 13.3058



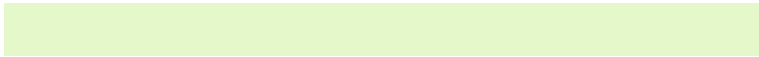
237.0750, -17.2920, -7.0818



234.2880, -7.0440, -27.4396

Triad

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



237.0750, -17.2920, -7.0818



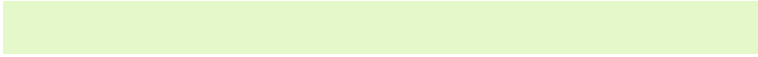
232.3420, 11.1704, -36.2569



234.8650, 1.5456, 17.6584

Complementary

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



237.0750, -17.2920, -7.0818



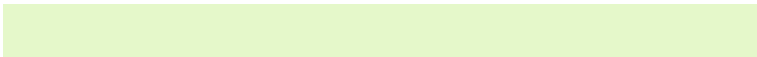
212.9250, 17.2920, 7.0818

Split Complementary

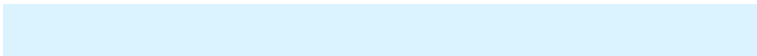
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 8.1029, 14.4144



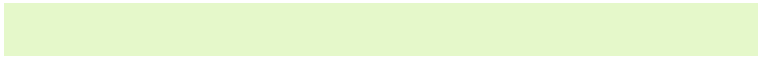
237.0750, -17.2920, -7.0818



236.6050, 9.0687, -15.4396

Square

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



237.0750, -17.2920, -7.0818



231.0910, 11.7871, -47.4378



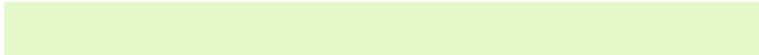
241.1780, 6.8142, 7.7369



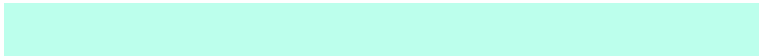
234.0040, -9.3690, 18.4135

Rectangle

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



237.0750, -17.2920, -7.0818



232.8010, 1.5771, -39.2905



241.1780, 6.8142, 7.7369



236.3640, 4.7505, 16.3438

Sweetspot

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



237.0750, -17.2920, -7.0818



251.4960, -5.6675, -2.1890



226.3200, -11.9898, 19.0134



125.7780, -3.3416, -1.5593



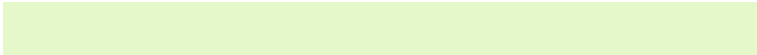
0.0000, 0.0000, 0.0000



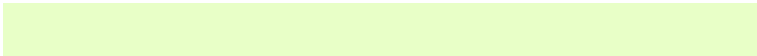
128.0000, 0.0000, 0.0000

Same Dimension

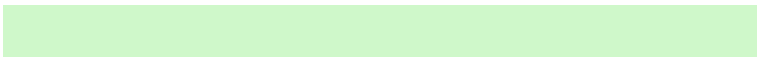
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.0750, -17.2920, -7.0818



241.7390, -21.0703, -8.5411



230.4970, -14.0490, -20.6069



122.0230, -4.9413, -1.7742



144.1320, -71.0571, -29.0568



46.5710, -22.9595, -9.2708

Inverse Universe

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



212.9250, 17.2920, 7.0818



212.2610, 21.0703, 8.5411



219.5030, 14.0490, 20.6069



115.2760, 4.7939, 2.3889



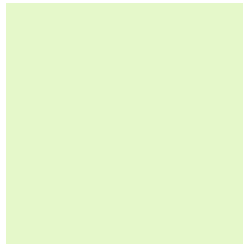
44.8680, 71.0571, 29.0568



14.4290, 22.9595, 9.2708

Previews

White Background



This preview shows how the YUV color 237.0750, -17.2920, -7.0818 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 237.0750, -17.2920, -7.0818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

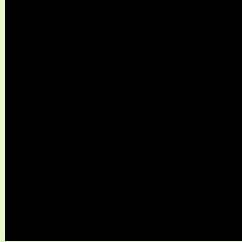
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

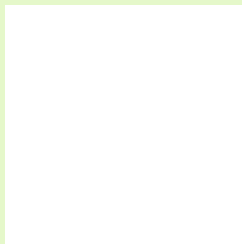
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.0750, -17.2920, -7.0818

Background



This preview shows how black text looks on a background with the YUV color 237.0750, -17.2920, -7.0818.



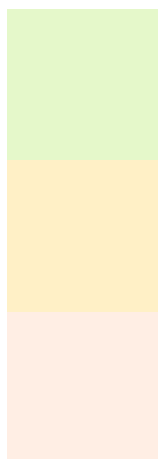
This preview shows how white text looks on a background with the YUV color 237.0750, -17.2920, -7.0818.

-7.0818.

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

237.0750, -17.2920, -7.0818

Protanopia

239.6970, -20.5566, 13.4207

Deuteranopia

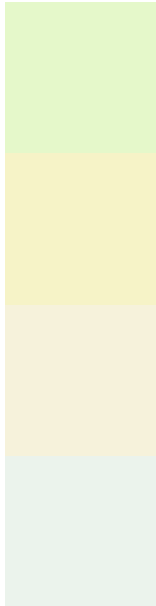
241.9430, -6.8739, 11.4510



Tritanopia

241.1120, 6.8468, -2.7292

Trichromacy



Original Color

237.0750, -17.2920, -7.0818

Protanomaly

238.8810, -19.6613, 6.2434

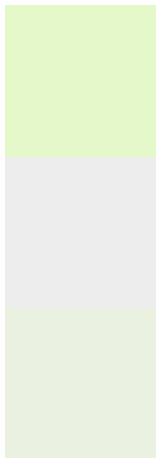
Deuteranomaly

240.5740, -10.6360, 4.7586

Tritanomaly

239.8100, -1.8783, -4.2184

Monochromacy



Original Color

237.0750, -17.2920, -7.0818

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.0750, -17.2920, -7.0818 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(229, 248, 202)` looks like.

```
.text, #text, p{  
    color:rgb(229, 248, 202)  
}
```

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(229, 248, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 248, 202) }
```

Border

The CSS property to change the border of an element to YUV 237.0750, -17.2920, -7.0818 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(229, 248, 202) }
```


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

```
.border{ border-color:rgb(229, 248, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 248, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 248, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 248, 202);  
box-shadow:4px 4px 4px 4px rgb(229, 248,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 237.0750, -17.2920, -7.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 248, 202) }
```

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

```
.background{ background-color: rgb(229,  
248, 202) }
```

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