

Converting Colors

YUV(217.7650, -20.5901,
-22.5959)

Have a look what the booklet for
YUV(217.7650, -20.5901, -22.5959)
contains.

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Color

**YUV(217.7650, -20.5901,
-22.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EFB0
RGB	192, 239, 176
RGB Percent	75%, 94%, 69%
CMY	0.2471, 0.0627, 0.3098
CMYK	0.20, 0.00, 0.26, 0.06
HSL	105°, 66%, 81%
HSV	105°, 26%, 94%
XYZ	60.4412, 76.0741, 52.5725
YIQ	217.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

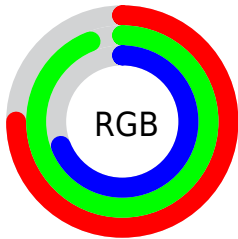
Format	Color
RYB	176, 239, 223
Decimal	12644272
CIELab	89.89, -26.47, 25.67
CIElCh	90, 36.876, 135.877
Yxy	76.0741, 0.3196, 0.4023
Android (android.graphics.Color)	4290834352 (0xFFC0EFB0)
YUV	217.7650, -20.5901, -22.5959
Hunter-Lab	87.2204, -28.9405, 25.3170

Details

The YUV color **217.7650, -20.5901, -22.5959** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **197.2350, 20.5901, 22.5959**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5840, -9.1619, -1.3892**, and **162.7050, -19.5746, -21.6663** is the 20% darker color. If you saturate the color by 10%, you get **209.6470, -28.4200, -31.2624**, and if you desaturate by 10%, it is **225.8830, -12.7603, -13.9294**.

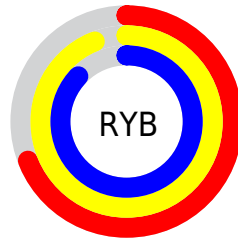
Distribution



Red (75%)

Green (94%)

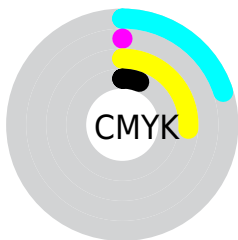
Blue (69%)



Red (69%)

Yellow (94%)

Blue (87%)

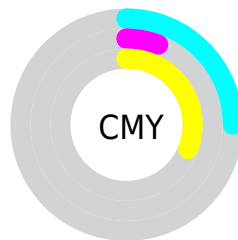


Cyan (20%)

Magenta (0%)

Yellow (26%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7650, -20.5901, -22.5959 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 217.7650, -20.5901, -22.5959 by changing the saturation by 10% instead.

■ 217.7650,
-20.5901, -22.5959

■ 217.7650,
-20.5901, -22.5959

255.0000, 0.0000,
0.0000

■ 189.8790,
-20.1533, -22.6959

■ 250.5840, -9.1619,
-1.3892

■ 162.7050,
-19.5746, -21.6663

■ 135.9330,
-18.7010, -21.8662

■ 110.4600,
-17.9748, -21.4514

■ 84.9870, -17.2486,
-21.0366

■ 61.2150, -16.3750,
-21.2366

■ 37.2040, -16.3696,

-22.9809

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 217.7650,
-20.5901, -22.5959

■ 217.7650,
-20.5901, -22.5959

■ 209.6470,
-28.4200, -31.2624

■ 225.8830,
-12.7603, -13.9294

■ 201.5290,
-36.2498, -39.9289

■ 234.0010, -4.9305,
-5.2629

■ 193.7100,
-44.2270, -47.9807

■ 241.8200, 3.0467,
2.7889

■ 185.5920,
-52.0569, -56.6472

■ 245.6080, 4.6303,
8.2368

■ 177.4740,
-59.8867, -65.3137

■ 169.4700,
-67.2797, -74.0802

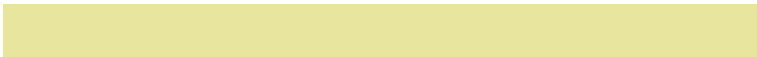
■ 161.3520,
-75.1095, -82.7467

■ 158.5320,
-78.1563, -85.5356

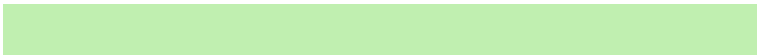
Harmonies

Analogous

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



222.3900, -31.7443, 8.4280



217.7650, -20.5901, -22.5959



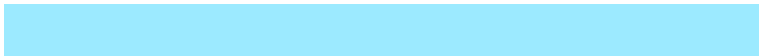
212.0890, -2.0159, -53.5751

Triad

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



217.7650, -20.5901, -22.5959



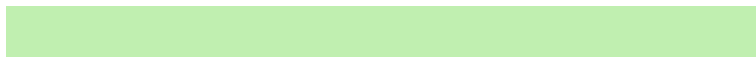
213.0720, 20.6705, -50.0521



217.3570, -4.6130, 33.0129

Complementary

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



217.7650, -20.5901, -22.5959



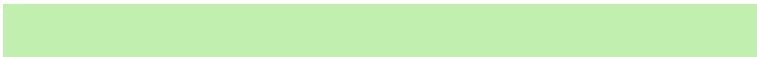
197.2350, 20.5901, 22.5959

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.



222.6350, 10.5329, 28.3841



217.7650, -20.5901, -22.5959



222.1630, 16.1886, -12.4210

Square

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



217.7650, -20.5901, -22.5959



206.4060, 23.9568, -77.5321



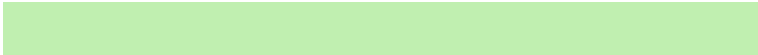
228.8730, 12.8806, 22.0364



217.9320, -20.1795, 32.5086

Rectangle

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



217.7650, -20.5901, -22.5959



208.8230, 11.4263, -71.7588



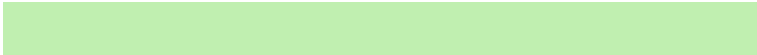
228.8730, 12.8806, 22.0364



218.7250, 0.6286, 31.8132

Sweetspot

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



217.7650, -20.5901, -22.5959



248.2350, -6.5249, -7.2221



221.8390, -22.5986, 15.0502



123.5280, -4.2043, -4.8481



0.0000, 0.0000, 0.0000



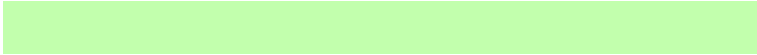
128.0000, 0.0000, 0.0000

Same Dimension

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



217.7650, -20.5901, -22.5959



227.4130, -26.8256, -29.3032



214.6910, -11.6797, -33.9320



115.9410, -3.9149, -4.3333



122.0610, -60.1761, -65.8285



37.0580, -18.2696, -20.2219

Inverse Universe

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



197.2350, 20.5901, 22.5959



200.5870, 26.8256, 29.3032



200.3090, 11.6797, 33.9320



112.0590, 3.9149, 4.3333



61.9390, 60.1761, 65.8285



18.9420, 18.2696, 20.2219

Previews

White Background



This preview shows how the YUV color 217.7650, -20.5901, -22.5959 looks on a white background.

Color Contrast Check

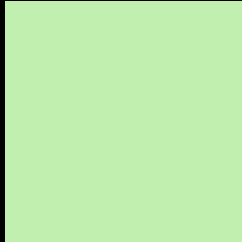
Large Text (above 18pt) WCAG AA × Fail

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 217.7650, -20.5901, -22.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

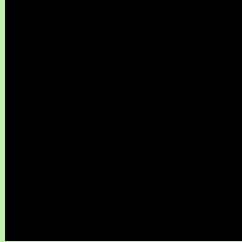
Any Text WCAG AA ✓ Pass

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 217.7650, -20.5901, -22.5959 Background



This preview shows how black text looks on a background with the YUV color 217.7650, -20.5901, -22.5959.



This preview shows how white text looks on a background with the YUV color 217.7650, -20.5901, -22.5959.

-22.5959.

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

217.7650, -20.5901, -22.5959

Protanopia

223.5140, -26.3824, 15.3352

Deuteranopia

226.6860, -17.1002, 24.8314



Tritanopia

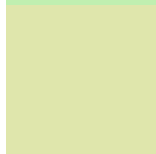
224.2780, 11.6949, -17.7838

Trichromacy



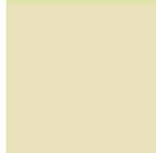
Original Color

217.7650, -20.5901, -22.5959



Protanomaly

221.2950, -24.3024, 1.4953



Deuteranomaly

223.2340, -18.3564, 7.6878



Tritanomaly

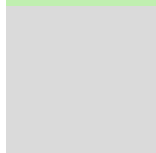
221.8790, 0.0597, -19.1879

Monochromacy



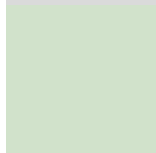
Original Color

217.7650, -20.5901, -22.5959



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.2950, -7.5404, -8.1517

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7650, -20.5901, -22.5959 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(192, 239, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 239, 176)  
}
```

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(192, 239, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 239, 176) }
```

Border

The CSS property to change the border of an element to YUV 217.7650, -20.5901, -22.5959 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(192, 239, 176) }
```


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

```
.border{ border-color:rgb(192, 239, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 239, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 239, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 239, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 239,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 217.7650, -20.5901, -22.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 239, 176) }
```

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

```
.background{ background-color: rgb(192,  
239, 176) }
```

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](#).

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