

Converting Colors

YUV(210.6670, -22.0208,
-30.4030)

Have a look what the booklet for
YUV(210.6670, -22.0208, -30.4030)
contains.

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Color

**YUV(210.6670, -22.0208,
-30.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	B0EDA6
RGB	176, 237, 166
RGB Percent	69%, 93%, 65%
CMY	0.3098, 0.0706, 0.3490
CMYK	0.26, 0.00, 0.30, 0.07
HSL	112°, 66%, 79%
HSV	112°, 30%, 93%
XYZ	55.0716, 72.5517, 47.1777
YIQ	210.6670, -13.5650, -35.0130

Conversions

Conversions Part 2

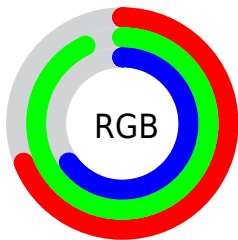
Format	Color
RYB	166, 237, 227
Decimal	11595174
CIELab	88.23, -32.44, 28.37
CIELCh	88, 43.101, 138.831
Yxy	72.5517, 0.3151, 0.4151
Android (android.graphics.Color)	4289785254 (0xFFB0EDA6)
YUV	210.6670, -22.0208, -30.4030
Hunter-Lab	85.1773, -33.6505, 26.7847

Details

The YUV color $210.6670, -22.0208, -30.4030$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $192.3330, 22.0208, 30.4030$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5460, -11.6082, -10.1258$, and $155.7210, -20.5685, -29.5733$ is the 20% darker color. If you saturate the color by 10%, you get $201.9510, -29.5558, -40.2990$, and if you desaturate by 10%, it is $219.3830, -14.4858, -20.5069$.

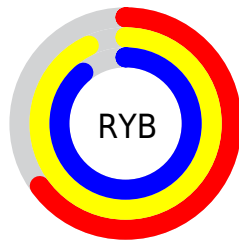
Distribution



Red (69%)

Green (93%)

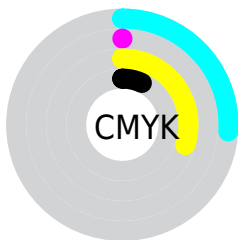
Blue (65%)



Red (65%)

Yellow (93%)

Blue (89%)

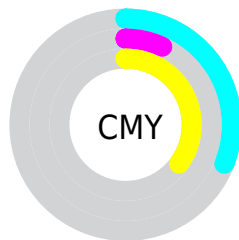


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6670, -22.0208, -30.4030 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 210.6670, -22.0208, -30.4030 by changing the saturation by 10% instead.

■ 210.6670,
-22.0208, -30.4030

■ 210.6670,
-22.0208, -30.4030

255.0000, 0.0000,
0.0000

■ 183.0800,
-21.7314, -29.8882

■ 244.5460,
-11.6082, -10.1258

■ 155.7210,
-20.5685, -29.5733

■ 254.4300, -2.1840,
0.4999

■ 129.2480,
-19.8423, -29.1585

■ 103.3620,
-19.4055, -29.2585

■ 77.7040, -18.0951,
-29.5584

■ 52.3230, -16.9212,
-32.7323

■ 31.6980, -15.6271,

-27.7991

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 210.6670,
-22.0208, -30.4030

■ 210.6670,
-22.0208, -30.4030

■ 201.9510,
-29.5558, -40.2990

■ 219.3830,
-14.4858, -20.5069

■ 193.0500,
-36.5066, -50.9098

■ 228.2840, -7.5350,
-9.8961

■ 184.3340,
-44.0417, -60.8059

■ 237.0000, 0.0000,
0.0000

■ 175.6180,
-51.5767, -70.7020

■ 244.4340, 5.2090,
9.2664

■ 166.6030,
-58.9643, -81.2128

■ 158.0010,
-66.0625, -91.2089

■ 148.9860,
-73.4501, -101.7197

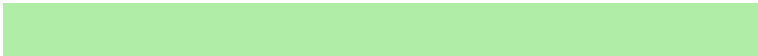
Harmonies

Analogous

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



216.2280, -36.1014, 5.9390



210.6670, -22.0208, -30.4030



203.2720, 0.3589, -68.6445

Triad

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



210.6670, -22.0208, -30.4030



205.3420, 24.4814, -59.0589



210.8200, -6.8133, 38.7459

Complementary

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



210.6670, -22.0208, -30.4030



192.3330, 22.0208, 30.4030

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.



215.6080, 11.5323, 34.5468



210.6670, -22.0208, -30.4030



216.8580, 18.8040, -11.2765

Square

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



210.6670, -22.0208, -30.4030



192.3860, 30.8687, -101.1935



223.8890, 15.3377, 27.2843



211.9990, -25.1425, 37.7119

Rectangle

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



210.6670, -22.0208, -30.4030



196.7000, 17.8959, -93.5759



223.8890, 15.3377, 27.2843



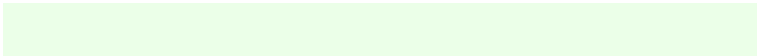
211.8290, -0.4087, 37.8610

Sweetspot

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



210.6670, -22.0208, -30.4030



246.3980, -7.0982, -9.9960



222.4490, -27.8294, 12.7612



122.4030, -4.6357, -6.4924



0.0000, 0.0000, 0.0000



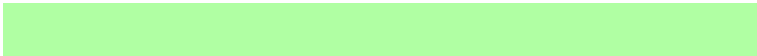
128.0000, 0.0000, 0.0000

Same Dimension

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



210.6670, -22.0208, -30.4030



220.8910, -28.5403, -39.3694



210.5270, -9.6268, -39.0502



112.7560, -3.3307, -5.0480



113.7220, -56.0649, -77.8092



34.0900, -16.8064, -22.8809

Inverse Universe

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



192.3330, 22.0208, 30.4030



197.1090, 28.5403, 39.3694



192.4730, 9.6268, 39.0502



110.2440, 3.3307, 5.0480



67.2780, 56.0649, 77.8092



19.9100, 16.8064, 22.8809

Previews

White Background



This preview shows how the YUV color 210.6670, -22.0208, -30.4030 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 210.6670, -22.0208, -30.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

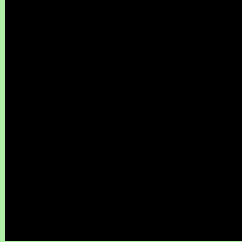
Any Text WCAG AA ✓ Pass

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 210.6670, -22.0208, -30.4030 Background



This preview shows how black text looks on a background with the YUV color 210.6670, -22.0208, -30.4030.



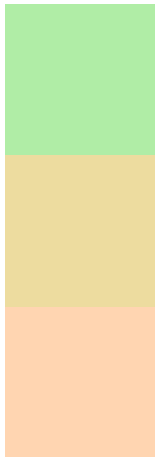
This preview shows how white text looks on a background with the YUV color 210.6670, -22.0208, -30.4030.

-30.4030.

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

210.6670, -22.0208, -30.4030

Protanopia

218.1290, -29.1506, 16.5499

Deuteranopia

221.4540, -21.9158, 29.4198



Tritanopia

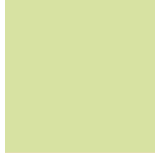
217.9890, 13.3164, -24.5464

Trichromacy



Original Color

210.6670, -22.0208, -30.4030



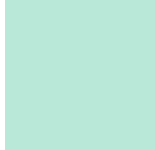
Protanomaly

215.4150, -26.3336, -0.3640



Deuteranomaly

217.6100, -21.9927, 7.3580



Tritanomaly

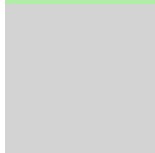
215.5360, 0.2288, -26.7801

Monochromacy



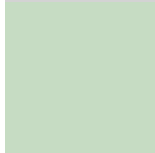
Original Color

210.6670, -22.0208, -30.4030



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.5720, -7.6770, -11.0256

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6670, -22.0208, -30.4030 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(176, 237, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 237, 166)  
}
```

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(176, 237, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 237, 166) }
```

Border

The CSS property to change the border of an element to YUV 210.6670, -22.0208, -30.4030 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(176, 237, 166) }
```


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

```
.border{ border-color:rgb(176, 237, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 237, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 237, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 237, 166);  
box-shadow:4px 4px 4px 4px rgb(176, 237,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 210.6670, -22.0208, -30.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 237, 166) }
```

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

```
.background{ background-color: rgb(176,  
237, 166) }
```

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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