

Converting Colors

YUV(171.8510, -44.2965,
21.1787)

Have a look what the booklet for
YUV(171.8510, -44.2965, 21.1787)
contains.

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Color

**YUV(171.8510, -44.2965,
21.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B152
RGB	196, 177, 82
RGB Percent	77%, 69%, 32%
CMY	0.2314, 0.3059, 0.6784
CMYK	0.00, 0.10, 0.58, 0.23
HSL	50°, 49%, 55%
HSV	50°, 58%, 77%
XYZ	40.0101, 43.7892, 14.3261
YIQ	171.8510, 41.8190, -25.5170

Conversions

Conversions Part 2

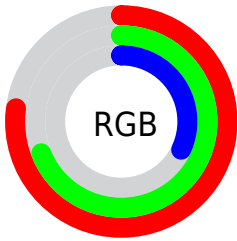
Format	Color
RYB	105, 196, 82
Decimal	12890450
CIELab	72.09, -4.96, 50.15
CIElCh	72, 50.397, 95.650
Yxy	43.7892, 0.4077, 0.4463
Android (android.graphics.Color)	4291080530 (0xFFC4B152)
YUV	171.8510, -44.2965, 21.1787
Hunter-Lab	66.1734, -7.8780, 33.4856

Details

The YUV color **171.8510, -44.2965, 21.1787** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **106.1490, 44.2965, -21.1787**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7050, -46.1966, 23.9377**, and **118.6550, -43.7069, 18.7196** is the 20% darker color. If you saturate the color by 10%, you get **167.8100, -52.1643, 24.7226**, and if you desaturate by 10%, it is **175.8920, -36.4288, 17.6347**.

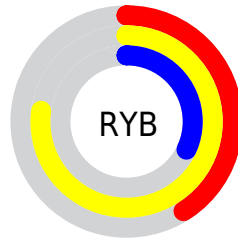
Distribution



Red (77%)

Green (69%)

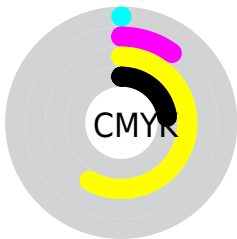
Blue (32%)



Red (41%)

Yellow (77%)

Blue (32%)

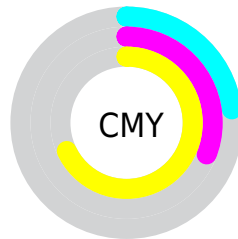


Cyan (0%)

Magenta (10%)

Yellow (58%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8510, -44.2965, 21.1787 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 171.8510, -44.2965, 21.1787 by changing the saturation by 10% instead.

■ 171.8510,
-44.2965, 21.1787

■ 171.8510,
-44.2965, 21.1787

■ 255.0000, 0.0000,
0.0000

■ 144.3670,
-43.5649, 19.8491

■ 227.7050,
-46.1966, 23.9377

■ 118.6550,
-43.7069, 18.7196

■ 244.2840,
-41.0590, 9.3979

■ 92.1880, -45.4487,
17.3751

■ 247.4760,
-28.8287, 6.5985

■ 70.3260, -34.6707,
13.7461

■ 250.7820,
-16.1615, 3.6992

■ 49.6380, -24.4715,
9.0875

■ 253.9740, -3.9312,
0.8998

■ 29.8360, -14.7091,
4.5288

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 171.8510,
-44.2965, 21.1787

■ 171.8510,
-44.2965, 21.1787

■ 167.8100,
-52.1643, 24.7226

■ 175.8920,
-36.4288, 17.6347

■ 163.2960,
-59.3059, 28.6814

■ 180.4060,
-29.2872, 13.6759

■ 159.2550,
-67.1737, 32.2254

■ 184.4470,
-21.4194, 10.1320

■ 155.3280,
-74.6047, 35.6693

■ 188.3740,
-13.9884, 6.6880

■ 154.2850,
-76.0625, 36.5841

■ 192.4150, -6.1206,
3.1440

■ 197.0430, 1.4578,
-0.9147

■ 200.9700, 8.8888,
-4.3587

■ 205.0110, 16.7566,
-7.9026

■ 208.5960, 22.8772,
-11.0467

Harmonies

Analogous

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



175.3740, -40.6104, 52.2920



171.8510, -44.2965, 21.1787



166.7690, -33.4101, -17.3374

Triad

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



171.8510, -44.2965, 21.1787



142.9190, 42.4379, -125.3400



181.7980, 16.8616, 51.9202

Complementary

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



171.8510, -44.2965, 21.1787



106.1490, 44.2965, -21.1787

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.



180.6430, 35.1790, 9.9601



171.8510, -44.2965, 21.1787



141.7740, 55.8204, -124.3358

Square

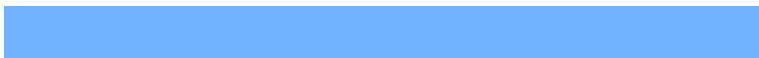
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171.8510, -44.2965, 21.1787



138.3760, 22.4926, -121.3558



168.2290, 42.7781, -47.5588



176.6310, -3.2691, 68.7296

Rectangle

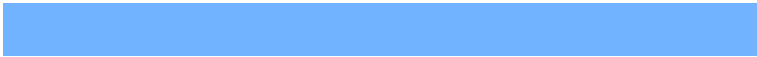
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171.8510, -44.2965, 21.1787



160.7790, -18.6250, -46.2872



168.2290, 42.7781, -47.5588



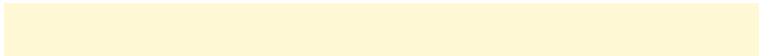
182.0290, 23.1567, 39.4396

Sweetspot

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



171.8510, -44.2965, 21.1787



245.9890, -16.7566, 7.9026



118.2520, -8.5052, 68.1850



122.1010, -9.9098, 5.1734



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.



171.8510, -44.2965, 21.1787



217.0980, -69.0683, 33.2401



172.2400, -44.4883, -10.7345



94.6860, -3.7892, 2.0294



126.7970, -62.5109, 29.9960



26.3030, -12.9674, 5.8733

Inverse Universe

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



106.1490, 44.2965, -21.1787



114.3150, 69.3577, -32.7253



106.3580, 44.1935, 11.9640



89.3140, 3.7892, -2.0294



34.2030, 62.5109, -29.9960



7.2840, 12.6780, -6.3881

Previews

White Background



This preview shows how the YUV color 171.8510, -44.2965, 21.1787 looks on a white background.

Color Contrast Check

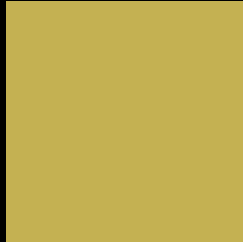
Large Text (above 18pt) WCAG AA × Fail

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 171.8510, -44.2965, 21.1787 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 171.8510, -44.2965, 21.1787

Background



This preview shows how black text looks on a background with the YUV color 171.8510, -44.2965, 21.1787.



This preview shows how white text looks on a background with the YUV color 171.8510, -44.2965, 21.1787.

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

171.8510, -44.2965, 21.1787

Protanopia

171.8510, -44.2965, 21.1787

Deuteranopia

173.3740, -44.0614, 39.1370



Tritanopia

179.7300, -0.3599, 22.1618

Trichromacy



Original Color

171.8510, -44.2965, 21.1787

Protanomaly

171.8510, -44.2965, 21.1787

Deuteranomaly

172.6290, -44.1871, 32.7744

Tritanomaly

177.1910, -16.3632, 21.7575

Monochromacy



Original Color

171.8510, -44.2965, 21.1787

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1030, -16.3198, 7.8027

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8510, -44.2965, 21.1787 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(196, 177, 82)` looks like.

```
.text, #text, p{  
    color:rgb(196, 177, 82)  
}
```

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(196, 177, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 177, 82) }
```

Border

The CSS property to change the border of an element to YUV 171.8510, -44.2965, 21.1787 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(196, 177, 82) }
```


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

```
.border{ border-color:rgb(196, 177, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 177, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 177, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 177, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 177,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 171.8510, -44.2965, 21.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 177, 82) }
```

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

```
.background{ background-color: rgb(196,  
177, 82) }
```

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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