

Converting Colors

YUV(218.5510, -22.4566,
16.1798)

Have a look what the booklet for
YUV(218.5510, -22.4566, 16.1798)
contains.

YUV(218.5510, -22.4566, 16.1798)	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(218.5510, -22.4566,
16.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDAAD
RGB	237, 218, 173
RGB Percent	93%, 85%, 68%
CMY	0.0706, 0.1451, 0.3216
CMYK	0.00, 0.08, 0.27, 0.07
HSL	42°, 64%, 80%
HSV	42°, 27%, 93%
XYZ	67.5393, 71.1645, 49.7116
YIQ	218.5510, 25.7690, -9.9670

Conversions

Conversions Part 2

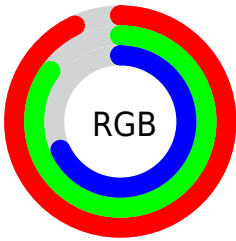
Format	Color
RYB	200, 237, 173
Decimal	15588013
CIELab	87.56, -0.22, 24.56
CIELCh	88, 24.558, 90.516
Yxy	71.1645, 0.3585, 0.3777
Android (android.graphics.Color)	4293778093 (0xFFEDDAAD)
YUV	218.5510, -22.4566, 16.1798
Hunter-Lab	84.3590, -4.7182, 24.1126

Details

The YUV color $218.5510, -22.4566, 16.1798$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $191.4490, 22.4566, -16.1798$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, -11.3567, 2.5994$, and $163.1810, -21.2882, 14.7503$ is the 20% darker color. If you saturate the color by 10%, you get $211.7060, -30.9141, 22.1828$, and if you desaturate by 10%, it is $225.3960, -13.9992, 10.1767$.

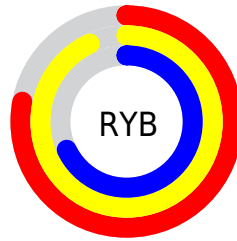
Distribution



Red (93%)

Green (85%)

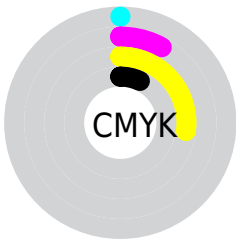
Blue (68%)



Red (78%)

Yellow (93%)

Blue (68%)

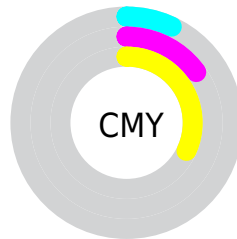


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5510, -22.4566, 16.1798 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 218.5510, -22.4566, 16.1798 by changing the saturation by 10% instead.

■ 218.5510,
-22.4566, 16.1798

■ 218.5510,
-22.4566, 16.1798

255.0000, 0.0000,
0.0000

■ 190.3660,
-21.8724, 15.4650

■ 252.0360,
-11.3567, 2.5994

■ 163.1810,
-21.2882, 14.7503

■ 136.9960,
-20.7040, 14.0355

■ 111.8110,
-20.1198, 13.3208

■ 86.7400, -19.0988,
12.5060

■ 63.2560, -18.3672,
11.1765

■ 40.7290, -19.0934,

10.7617

■ 21.8840, -10.7888,
7.1177

■ 0.0000, 0.0000,
0.0000

■ 218.5510,
-22.4566, 16.1798

■ 218.5510,
-22.4566, 16.1798

■ 211.7060,
-30.9141, 22.1828

■ 225.3960,
-13.9992, 10.1767

■ 204.9750,
-38.9347, 28.0859

■ 232.1270, -5.9786,
4.2736

■ 198.1300,
-47.3921, 34.0890

■ 238.9720, 2.4788,
-1.7294

■ 191.2850,
-55.8495, 40.0921

■ 244.3350, 5.2578,
-6.4328

■ 184.5540,
-63.8701, 45.9951

■ 248.4440, 3.2321,
-10.0364

■ 177.7090,
-72.3275, 51.9982

■ 249.6180, 2.6533,
-11.0660

■ 170.8640,
-80.7850, 58.0013

■ 168.8920,
-83.2638, 59.7307

Harmonies

Analogous

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



220.0350, -19.7373, 30.6643



218.5510, -22.4566, 16.1798



215.5700, -18.0290, -4.0079

Triad

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



218.5510, -22.4566, 16.1798



210.1170, 15.7183, -48.3376



223.3740, 9.6756, 23.3510

Complementary

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



218.5510, -22.4566, 16.1798



191.4490, 22.4566, -16.1798

Split Complementary

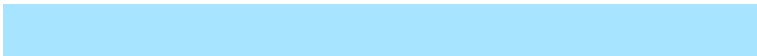
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.0770, 16.7240, 2.5635



218.5510, -22.4566, 16.1798



212.5400, 20.9328, -40.8156

Square

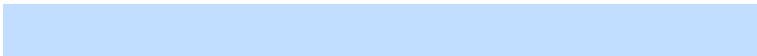
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.5510, -22.4566, 16.1798



210.4740, 4.2033, -41.6347



216.5040, 18.9785, -20.6130



220.4860, -0.2396, 30.2688

Rectangle

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



218.5510, -22.4566, 16.1798



213.9750, -12.3127, -17.5181



216.5040, 18.9785, -20.6130



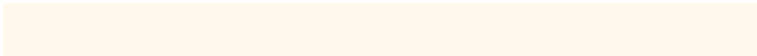
223.1390, 12.7495, 17.4181

Sweetspot

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



218.5510, -22.4566, 16.1798



249.1980, -6.9996, 5.0884



194.3020, -1.1349, 37.4461



124.1700, -4.5208, 3.3589



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.



218.5510, -22.4566, 16.1798



231.5640, -28.8721, 20.5534



225.8170, -26.0388, -1.5935



113.9850, -3.9366, 2.6442



128.6680, -63.4333, 45.8952



38.4520, -18.9568, 13.6356

Inverse Universe

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



191.4490, 22.4566, -16.1798



197.0230, 28.5827, -21.0682



184.1830, 26.0388, 1.5935



109.0150, 3.9366, -2.6442



52.3320, 63.4333, -45.8952



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 218.5510, -22.4566, 16.1798 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 218.5510, -22.4566, 16.1798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

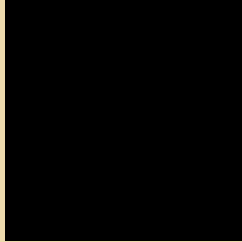
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.5510, -22.4566, 16.1798

Background



This preview shows how black text looks on a background with the YUV color 218.5510, -22.4566, 16.1798.

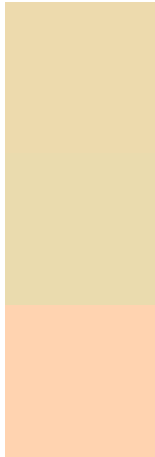


This preview shows how white text looks on a background with the YUV color 218.5510, -22.4566, 16.1798.

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

218.5510, -22.4566, 16.1798

Protanopia

218.3550, -21.8670, 13.7207

Deuteranopia

220.1660, -21.7738, 30.5494



Tritanopia

222.6910, 2.1243, 18.6880

Trichromacy



Original Color

218.5510, -22.4566, 16.1798

Protanomaly

218.6540, -22.0144, 14.3354

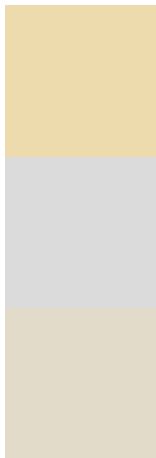
Deuteranomaly

219.7200, -22.0470, 24.8016

Tritanomaly

221.2750, -7.0376, 17.2988

Monochromacy



Original Color

218.5510, -22.4566, 16.1798

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1550, -8.4574, 6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5510, -22.4566, 16.1798 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(237, 218, 173)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 173)  
}
```

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(237, 218, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 173) }
```

Border

The CSS property to change the border of an element to YUV 218.5510, -22.4566, 16.1798 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(237, 218, 173) }
```


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

```
.border{ border-color:rgb(237, 218, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 173);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 218.5510, -22.4566, 16.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 173) }
```

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

```
.background{ background-color: rgb(237,  
218, 173) }
```

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