

Converting Colors

YUV(218.5530, -8.6536,
22.3170)

Have a look what the booklet for
YUV(218.5530, -8.6536, 22.3170)
contains.

YUV(218.5530, -8.6536, 22.3170)	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(218.5530, -8.6536,
22.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D1C9
RGB	244, 209, 201
RGB Percent	96%, 82%, 79%
CMY	0.0431, 0.1804, 0.2118
CMYK	0.00, 0.14, 0.18, 0.04
HSL	11°, 66%, 87%
HSV	11°, 18%, 96%
XYZ	70.6513, 69.0511, 64.8628
YIQ	218.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

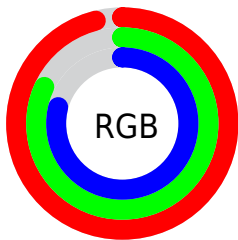
Format	Color
RYB	244, 211, 201
Decimal	16044489
CIELab	86.53, 10.99, 8.49
CIELCh	87, 13.890, 37.684
Yxy	69.0511, 0.3454, 0.3376
Android (android.graphics.Color)	4294234569 (0xFFFF4D1C9)
YUV	218.5530, -8.6536, 22.3170
Hunter-Lab	83.0970, 6.3458, 11.8880

Details

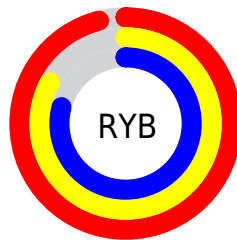
The YUV color $218.5530, -8.6536, 22.3170$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.4470, 8.6536, -22.3170$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.6560, -8.2114, 20.4727$ is the 20% darker color. If you saturate the color by 10%, you get $204.0770, -13.3490, 35.0125$, and if you desaturate by 10%, it is $233.0290, -3.9583, 9.6216$.

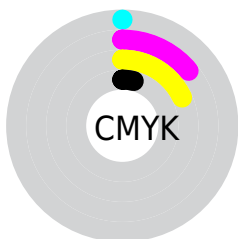
Distribution



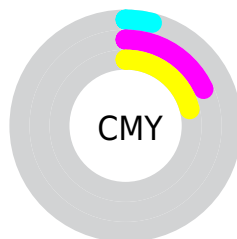
- Red (96%)
- Green (82%)
- Blue (79%)



- Red (96%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5530, -8.6536, 22.3170 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 218.5530, -8.6536, 22.3170 by changing the saturation by 10% instead.

218.5530, -8.6536,
22.3170

218.5530, -8.6536,
22.3170

255.0000, 0.0000,
0.0000

190.3680, -8.0694,
21.6023

163.6560, -8.2114,
20.4727

137.3570, -8.0640,
19.8579

111.5850, -7.1904,
19.6580

86.9870, -6.8956,
18.4284

63.3890, -6.6008,
17.1988

41.4920, -6.1586,

15.3545

■ 20.0360, -7.9057,
15.7544

■ 0.0000, 0.0000,
0.0000

■ 218.5530, -8.6536,
22.3170

■ 218.5530, -8.6536,
22.3170

■ 204.0770,
-13.3490, 35.0125

■ 233.0290, -3.9583,
9.6216

■ 189.4870,
-18.4811, 47.8079

■ 247.6190, 1.1738,
-3.1739

■ 175.0110,
-23.1764, 60.5034

■ 251.7110, 1.6215,
-6.7625

■ 161.0080,
-28.5979, 72.7840

■ 146.5320,
-33.2933, 85.4794

■ 132.0560,
-37.9886, 98.1749

■ 117.4660,
-43.1207, 110.9703

■ 102.9900,
-47.8161, 123.6658

■ 99.3710, -48.9899,
126.8396

Harmonies

Analogous

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



219.4480, -2.6859, 21.5321



218.5530, -8.6536, 22.3170



217.3090, -11.9843, 17.2690

Triad

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



218.5530, -8.6536, 22.3170



213.2770, -3.5876, -16.0289



216.8600, 12.3940, -8.6472

Complementary

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



218.5530, -8.6536, 22.3170



226.4470, 8.6536, -22.3170

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.



214.4950, 12.5740, -19.7281



218.5530, -8.6536, 22.3170



211.8830, 4.0017, -23.5764

Square

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



218.5530, -8.6536, 22.3170



214.5620, -9.1511, -4.8779



212.3650, 9.6801, -24.8761



218.1390, 9.2985, 4.2631

Rectangle

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



218.5530, -8.6536, 22.3170



216.3360, -12.9836, 11.1063



212.3650, 9.6801, -24.8761



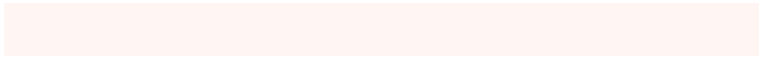
215.7670, 13.4259, -12.9507

Sweetspot

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



218.5530, -8.6536, 22.3170



247.6480, -2.7845, 6.4477



217.8470, 8.9494, 22.9362



122.9790, -1.4686, 4.4034



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.



218.5530, -8.6536, 22.3170



223.0160, -10.8539, 28.0500



230.8800, -14.7308, 11.5062



114.7620, -2.3477, 6.3477



76.1590, -37.5464, 96.3306



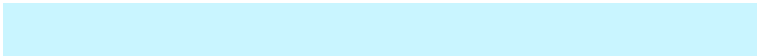
24.0980, -11.8803, 30.6091

Inverse Universe

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



226.4470, 8.6536, -22.3170



232.9840, 10.8539, -28.0500



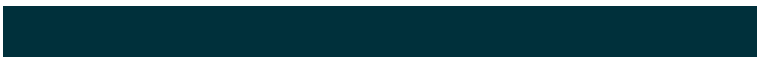
214.1200, 14.7308, -11.5062



117.2380, 2.3477, -6.3477



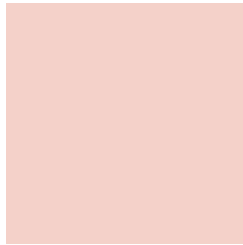
110.4280, 37.2570, -96.8454



34.9020, 11.8803, -30.6091

Previews

White Background



This preview shows how the YUV color 218.5530, -8.6536, 22.3170 looks on a white background.

Color Contrast Check

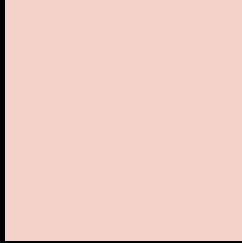
Large Text (above 18pt) WCAG AA × Fail

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 218.5530, -8.6536, 22.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

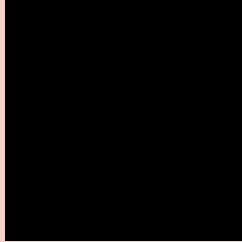
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.5530, -8.6536, 22.3170

Background



This preview shows how black text looks on a background with the YUV color 218.5530, -8.6536, 22.3170.

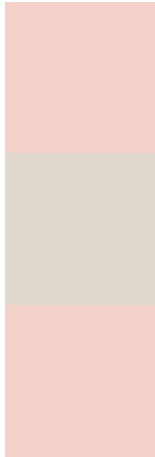


This preview shows how white text looks on a background with the YUV color 218.5530, -8.6536,

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

218.5530, -8.6536, 22.3170

Protanopia

216.8390, -5.8366, 5.4032

Deuteranopia

218.5530, -8.6536, 22.3170



Tritanopia

220.0830, 0.9451, 23.6062

Trichromacy



Original Color

218.5530, -8.6536, 22.3170

Protanomaly

217.3560, -6.5845, 11.9658

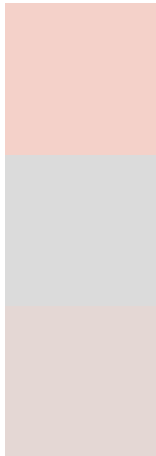
Deuteranomaly

218.5530, -8.6536, 22.3170

Tritanomaly

219.4590, -2.6913, 23.2765

Monochromacy



Original Color

218.5530, -8.6536, 22.3170

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.5450, -3.2267, 8.2920

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5530, -8.6536, 22.3170 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(244, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(244, 209, 201)  
}
```

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(244, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 209, 201) }
```

Border

The CSS property to change the border of an element to YUV 218.5530, -8.6536, 22.3170 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(244, 209, 201) }
```


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

```
.border{ border-color:rgb(244, 209, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(244, 209,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 218.5530, -8.6536, 22.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 209, 201) }
```

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

```
.background{ background-color: rgb(244,  
209, 201) }
```

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