

Converting Colors

YUV(64.6500, -5.7434, 22.2320)

Have a look what the booklet for
YUV(64.6500, -5.7434, 22.2320)
contains.

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Color

**YUV(64.6500, -5.7434,
22.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3635
RGB	90, 54, 53
RGB Percent	35%, 21%, 21%
CMY	0.6471, 0.7882, 0.7922
CMYK	0.00, 0.40, 0.41, 0.65
HSL	2°, 26%, 28%
HSV	2°, 41%, 35%
XYZ	6.1782, 5.0690, 4.0210
YIQ	64.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

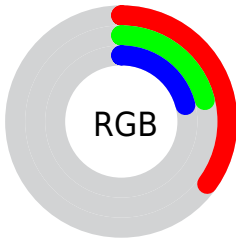
Format	Color
R_YB	90, 54, 53
Decimal	5912117
CIE Lab	26.93, 15.99, 7.42
CIE LCh	27, 17.629, 24.879
Yxy	5.0690, 0.4046, 0.3320
Android (android.graphics.Color)	4284102197 (0xFF5A3635)
YUV	64.6500, -5.7434, 22.2320
Hunter-Lab	22.5145, 9.5819, 5.1713

Details

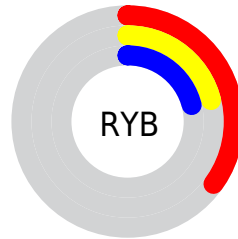
The YUV color **64.6500, -5.7434, 22.2320** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **78.3500, 5.7435, -22.2319**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.0310, -6.9173, 25.4058**, and **20.2260, -6.0274, 19.9728** is the 20% darker color. If you saturate the color by 10%, you get **58.3410, -7.0701, 27.7649**, and if you desaturate by 10%, it is **70.9590, -4.4168, 16.6990**.

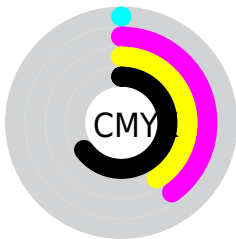
Distribution



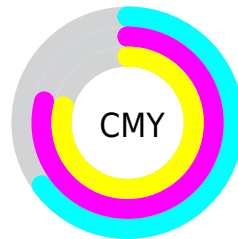
- Red (35%)
- Green (21%)
- Blue (21%)



- Red (35%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (65%)



- Cyan (65%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6500, -5.7434, 22.2320 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 64.6500, -5.7434, 22.2320 by changing the saturation by 10% instead.

■ 64.6500, -5.7434,
22.2320

■ 64.6500, -5.7434,
22.2320

■ 255.0000, 0.0000,
0.0000

■ 42.1660, -5.0118,
20.9024

■ 113.0310, -6.9173,
25.4058

■ 20.2260, -6.0274,
19.9728

■ 138.3300, -7.0647,
26.0206

■ 2.0930, -1.0318,
4.3034

■ 164.9280, -7.3595,
27.2501

■ 0.0000, 0.0000,
0.0000

■ 192.2270, -7.5069,
27.8649

■ 220.4120, -8.0911,
28.5797

■ 240.6380, -4.2585,

12.5955

■ 64.6500, -5.7434,
22.2320

■ 64.6500, -5.7434,
22.2320

■ 58.3410, -7.0701,
27.7649

■ 70.9590, -4.4168,
16.6990

■ 52.0320, -8.3968,
33.2979

■ 77.2680, -3.0901,
11.1660

■ 46.3100, -10.0128,
38.3161

■ 82.9900, -1.4741,
6.1478

■ 40.0010, -11.3395,
43.8491

■ 89.2990, -0.1474,
0.6148

■ 33.6920, -12.6662,
49.3821

■ 95.6080, 1.1793,
-4.9182

■ 28.0840, -13.8454,
54.3003

■ 101.9170, 2.5059,
-10.4512

■ 107.6390, 4.1220,
-15.4694

■ 113.9480, 5.4486,
-21.0024

■ 120.2570, 6.7753,
-26.5354

Harmonies

Analogous

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



65.6480, 0.6665, 19.6027



64.6500, -5.7434, 22.2320



63.6620, -10.6794, 18.7134

Triad

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



64.6500, -5.7434, 22.2320



59.7290, -5.7824, -12.0403



61.2610, 14.1683, -17.7689

Complementary

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



64.6500, -5.7434, 22.2320



78.3500, 5.7435, -22.2319

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.



56.1730, 14.2117, -31.7237



64.6500, -5.7434, 22.2320



57.3020, 1.8231, -24.8209

Square

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



64.6500, -5.7434, 22.2320



61.4270, -11.0565, -0.3745



54.2990, 9.7126, -35.3422



64.3770, 11.6461, -2.0846

Rectangle

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



64.6500, -5.7434, 22.2320



63.1730, -12.4103, 13.8803



54.2990, 9.7126, -35.3422



59.6410, 14.4740, -22.4872

Sweetspot

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



64.6500, -5.7434, 22.2320



107.7730, -2.3531, 8.0921



68.1670, 10.2707, 19.1475



53.2780, -1.6161, 5.0182



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



64.6500, -5.7434, 22.2320



77.6300, -8.6916, 34.5275



75.2160, -10.9525, 12.9656



42.4950, -0.7370, 3.0739



34.6510, -17.0829, 66.0811



74.3850, -36.6718, 142.6134

Inverse Universe

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



78.3500, 5.7435, -22.2319



99.3700, 8.6916, -34.5275



67.7840, 10.9525, -12.9656



44.5050, 0.7370, -3.0739



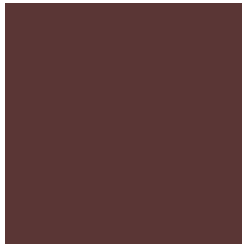
75.3490, 17.0829, -66.0811



162.6150, 36.6718, -142.6134

Previews

White Background



This preview shows how the YUV color 64.6500, -5.7434, 22.2320 looks on a white background.

Color Contrast Check

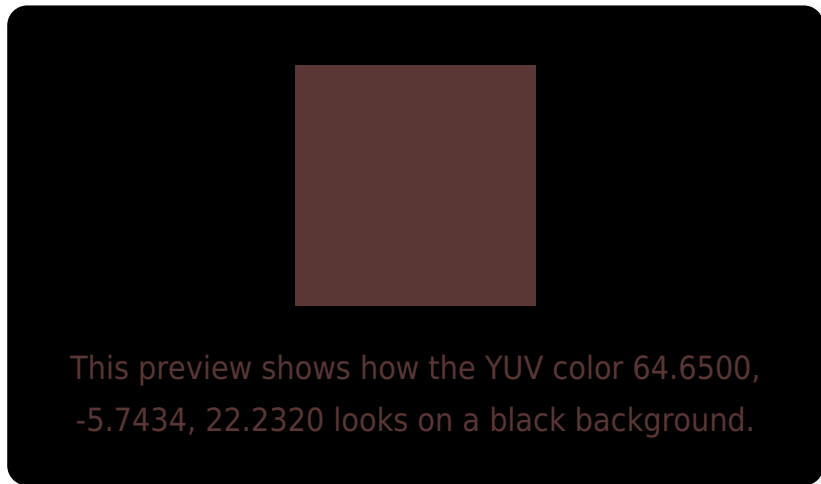
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

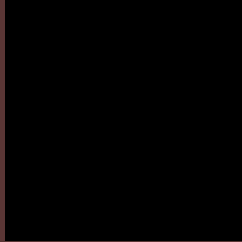
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6500, -5.7434, 22.2320

Background



This preview shows how black text looks on a background with the YUV color 64.6500, -5.7434, 22.2320.



This preview shows how white text looks on a background with the YUV color 64.6500, -5.7434,

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

64.6500, -5.7434, 22.2320

Protanopia

64.2130, -3.0630, 2.4442

Deuteranopia

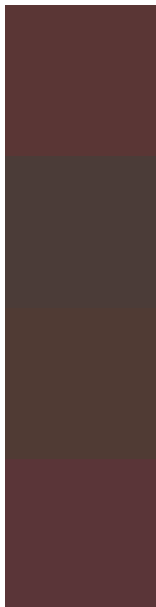
64.7470, -6.2843, 8.9919



Tritanopia

64.5190, -3.7069, 22.3468

Trichromacy



Original Color

64.6500, -5.7434, 22.2320

Protanomaly

64.0290, -3.9583, 9.6216

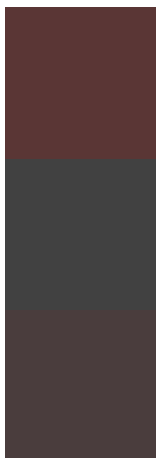
Deuteranomaly

64.4810, -6.1531, 13.6102

Tritanomaly

64.4050, -4.1437, 22.4468

Monochromacy



Original Color

64.6500, -5.7434, 22.2320

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6500, -5.7434, 22.2320 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(90, 54, 53)` looks like.

```
.text, #text, p{  
    color:rgb(90, 54, 53)  
}
```

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(90, 54, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 54, 53) }
```

Border

The CSS property to change the border of an element to YUV 64.6500, -5.7434, 22.2320 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(90, 54, 53) }
```


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

```
.border{ border-color:rgb(90, 54, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 54, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 54, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 54, 53);  
box-shadow:4px 4px 4px 4px rgb(90, 54, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.6500, -5.7434, 22.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 54, 53) }
```

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

```
.background{ background-color: rgb(90, 54,  
53) }
```

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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