

Converting Colors

YUV(64.5590, -11.1216,
20.5578)

Have a look what the booklet for
YUV(64.5590, -11.1216, 20.5578)
contains.

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Color

**YUV(64.5590, -11.1216,
20.5578)**

Conversions

Conversions Part 1

Format	Color
Hex	58392A
RGB	88, 57, 42
RGB Percent	35%, 22%, 16%
CMY	0.6549, 0.7765, 0.8353
CMYK	0.00, 0.35, 0.52, 0.65
HSL	20°, 35%, 25%
HSV	20°, 52%, 35%
XYZ	5.9055, 5.1681, 2.8768
YIQ	64.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

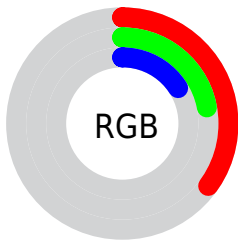
Format	Color
RYB	88, 64, 42
Decimal	5781802
CIELab	27.21, 11.79, 14.93
CIELCh	27, 19.025, 51.696
Yxy	5.1681, 0.4233, 0.3705
Android (android.graphics.Color)	4283971882 (0xFF58392A)
YUV	64.5590, -11.1216, 20.5578
Hunter-Lab	22.7335, 6.5858, 8.4107

Details

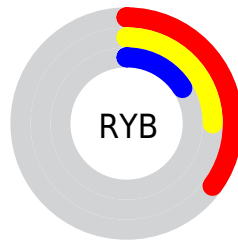
The YUV color **64.5590, -11.1216, 20.5578** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.4410, 11.1216, -20.5578**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8260, -12.7322, 23.8316**, and **21.0640, -10.3846, 17.4839** is the 20% darker color. If you saturate the color by 10%, you get **60.0110, -13.3164, 24.5464**, and if you desaturate by 10%, it is **69.1070, -8.9268, 16.5692**.

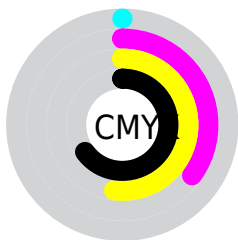
Distribution



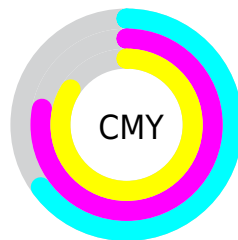
- Red (35%)
- Green (22%)
- Blue (16%)



- Red (35%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (35%)
- Yellow (52%)
- Black (65%)



- Cyan (65%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.5590, -11.1216, 20.5578 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 64.5590, -11.1216, 20.5578 by changing the saturation by 10% instead.

■ 64.5590, -11.1216,
20.5578

■ 64.5590, -11.1216,
20.5578

■ 255.0000, 0.0000,
0.0000

■ 41.7760, -10.2426,
18.6134

■ 112.8260,
-12.7322, 23.8316

■ 21.0640, -10.3846,
17.4839

■ 138.4240,
-13.0270, 25.0612

■ 0.0000, 0.0000,
0.0000

■ 164.6090,
-13.6112, 25.7759

■ 192.2070,
-13.9061, 27.0055

■ 220.3920,
-14.4903, 27.7202

■ 240.9170,

-10.8051, 12.3508

254.0880, -3.4944,
0.7998

64.5590, -11.1216,
20.5578

64.5590, -11.1216,
20.5578

60.0110, -13.3164,
24.5464

69.1070, -8.9268,
16.5692

55.4630, -15.5113,
28.5349

73.6550, -6.7319,
12.5806

51.0290, -17.2693,
32.4236

78.0890, -4.9739,
8.6919

46.4810, -19.4641,
36.4122

82.6370, -2.7790,
4.7034

43.3350, -21.3642,
39.1712

87.1850, -0.5842,
0.7148

■ 91.7330, 1.6106,
-3.2738

■ 96.2810, 3.8055,
-7.2624

■ 100.1280, 5.8529,
-10.6363

■ 104.6760, 8.0477,
-14.6249

Harmonies

Analogous

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



65.0740, -5.4595, 24.4911



64.5590, -11.1216, 20.5578



63.4070, -14.0047, 11.9211

Triad

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



64.5590, -11.1216, 20.5578



57.1770, 1.3917, -26.4652



64.7080, 12.9620, -4.1289

Complementary

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



64.5590, -11.1216, 20.5578



65.4410, 11.1216, -20.5578

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.



60.6950, 15.9264, -21.6575



64.5590, -11.1216, 20.5578



52.6080, 11.0393, -40.8752

Square

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



64.5590, -11.1216, 20.5578



60.0880, -6.9454, -12.3552



53.6990, 16.4174, -39.2010



66.4280, 7.6770, 11.0256

Rectangle

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



64.5590, -11.1216, 20.5578



62.4770, -13.5462, 4.8437



53.6990, 16.4174, -39.2010



64.0170, 14.2886, -9.6619

Sweetspot

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



64.5590, -11.1216, 20.5578



105.2030, -4.5371, 8.5920



59.2880, 6.7600, 25.1804



53.0500, -2.4896, 5.2182



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.



64.5590, -11.1216, 20.5578



77.9150, -17.7061, 32.5235



78.0600, -17.7776, 8.7174



40.7830, -0.8790, 1.9443



52.5380, -25.9012, 47.7632



115.4640, -56.9238, 104.8331

Inverse Universe

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



65.4410, 11.1216, -20.5578



79.0850, 17.7061, -32.5235



51.9400, 17.7776, -8.7174



41.2170, 0.8790, -1.9443



54.4620, 25.9012, -47.7632



119.5360, 56.9238, -104.8331

Previews

White Background



This preview shows how the YUV color 64.5590, -11.1216, 20.5578 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



This preview shows how the YUV color 64.5590, -11.1216, 20.5578 looks on a 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 64.5590, -11.1216, 20.5578

Background



This preview shows how black text looks on a background with the YUV color 64.5590, -11.1216, 20.5578.

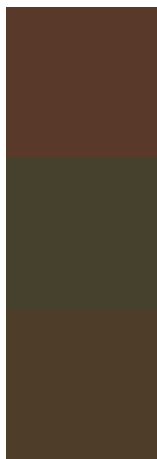


This preview shows how white text looks on a background with the YUV color 64.5590, -11.1216,

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

64.5590, -11.1216, 20.5578

Protanopia

64.2150, -9.4730, 5.0734

Deuteranopia

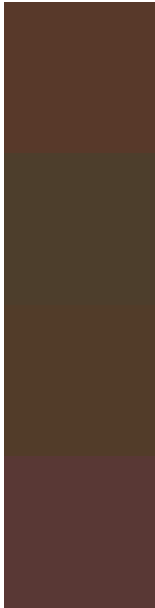
64.3900, -11.5313, 11.9360



Tritanopia

65.6220, -3.2646, 20.5025

Trichromacy



Original Color

64.5590, -11.1216, 20.5578

Protanomaly

64.4330, -10.0735, 11.0213

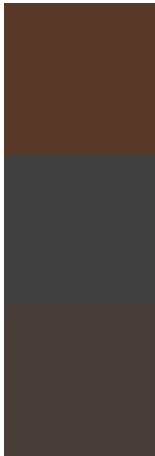
Deuteranomaly

64.4120, -11.5421, 15.4247

Tritanomaly

65.5250, -6.1748, 20.5876

Monochromacy



Original Color

64.5590, -11.1216, 20.5578

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7190, -3.8055, 7.2624

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5590, -11.1216, 20.5578 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(88, 57, 42)` looks like.

```
.text, #text, p{  
    color:rgb(88, 57, 42)  
}
```

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(88, 57, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 57, 42) }
```

Border

The CSS property to change the border of an element to YUV 64.5590, -11.1216, 20.5578 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(88, 57, 42) }
```


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

```
.border{ border-color:rgb(88, 57, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 57, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 57, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 57, 42);  
box-shadow:4px 4px 4px 4px rgb(88, 57, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.5590, -11.1216, 20.5578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 57, 42) }
```

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

```
.background{ background-color: rgb(88, 57,  
42) }
```

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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