

Converting Colors

YUV(66.6510, -7.2229, 30.1241)

Have a look what the booklet for
YUV(66.6510, -7.2229, 30.1241)
contains.

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Color

**YUV(66.6510, -7.2229,
30.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	653434
RGB	101, 52, 52
RGB Percent	40%, 20%, 20%
CMY	0.6039, 0.7961, 0.7961
CMYK	0.00, 0.49, 0.49, 0.60
HSL	0°, 32%, 30%
HSV	0°, 49%, 40%
XYZ	7.2147, 5.4706, 3.9245
YIQ	66.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

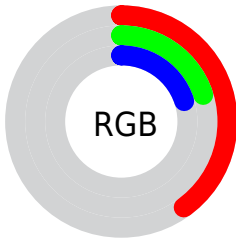
Format	Color
R_{YB}	101, 52, 52
Decimal	6632500
CIE Lab	28.04, 21.90, 9.86
CIE LCh	28, 24.013, 24.240
Yxy	5.4706, 0.4344, 0.3294
Android (android.graphics.Color)	4284822580 (0xFF653434)
YUV	66.6510, -7.2229, 30.1241
Hunter-Lab	23.3894, 14.1285, 6.4243

Details

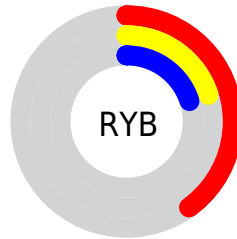
The YUV color **66.6510, -7.2229, 30.1241** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.3490, 7.2229, -30.1241**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9180, -8.8336, 33.3979**, and **20.1560, -6.4859, 27.0502** is the 20% darker color. If you saturate the color by 10%, you get **59.6410, -8.6970, 36.2718**, and if you desaturate by 10%, it is **73.6610, -5.7489, 23.9763**.

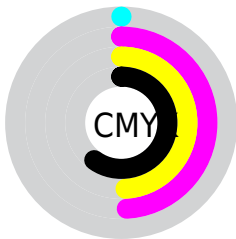
Distribution



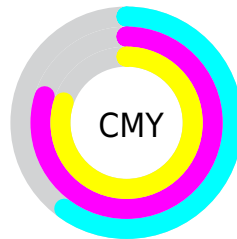
- Red (40%)
- Green (20%)
- Blue (20%)



- Red (40%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (49%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6510, -7.2229, 30.1241 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 66.6510, -7.2229, 30.1241 by changing the saturation by 10% instead.

■ 66.6510, -7.2229,
30.1241

■ 66.6510, -7.2229,
30.1241

■ 255.0000, 0.0000,
0.0000

■ 43.8680, -6.3439,
28.1798

■ 115.9180, -8.8336,
33.3979

■ 20.1560, -6.4859,
27.0502

■ 141.8150, -9.2758,
35.2422

■ 7.8880, -3.3958,
15.8842

■ 168.4130, -9.5706,
36.4718

■ 0.0000, 0.0000,
0.0000

■ 196.0110, -9.8654,
37.7014

■ 220.3090, -8.5333,
30.4240

■ 239.9370, -4.4059,

■ 66.6510, -7.2229,
30.1241

■ 66.6510, -7.2229,
30.1241

■ 59.6410, -8.6970,
36.2718

■ 73.6610, -5.7489,
23.9763

■ 52.6310, -10.1711,
42.4196

■ 80.6710, -4.2748,
17.8285

■ 45.6210, -11.6452,
48.5674

■ 87.6810, -2.8007,
11.6808

■ 38.6110, -13.1192,
54.7152

■ 94.6910, -1.3267,
5.5330

■ 31.6010, -14.5933,
60.8629

■ 102.4020, 0.2948,
-1.2296

■ 30.1990, -14.8881,
62.0925

■ 109.4120, 1.7689,
-7.3773

■ 116.4220, 3.2430,
-13.5251

■ 123.4320, 4.7170,
-19.6729

■ 130.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



67.5180, 1.2236, 27.6097



66.6510, -7.2229, 30.1241



65.7830, -14.1900, 24.7463

Triad

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



66.6510, -7.2229, 30.1241



60.4140, -8.0921, -17.9031



60.0190, 21.1896, -29.8347

Complementary

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



66.6510, -7.2229, 30.1241



86.3490, 7.2229, -30.1241

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.



53.7950, 20.8071, -47.1782



66.6510, -7.2229, 30.1241



52.5880, 4.6401, -41.7347

Square

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



66.6510, -7.2229, 30.1241



63.1620, -15.8559, -1.0191



53.2590, 13.6763, -46.7081



66.9190, 16.3089, -4.3140

Rectangle

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



66.6510, -7.2229, 30.1241



65.5280, -17.5153, 17.9539



53.2590, 13.6763, -46.7081



54.9850, 22.6854, -42.9598

Sweetspot

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



66.6510, -7.2229, 30.1241



116.6810, -2.8007, 11.6808



72.2370, 14.1802, 25.2252



57.5880, -1.7689, 7.3773



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



66.6510, -7.2229, 30.1241



77.4250, -11.0555, 46.1083



81.3260, -14.4577, 17.2541



47.4950, -0.7370, 3.0739



34.3850, -16.9518, 70.6994



72.3580, -35.6725, 148.7760

Inverse Universe

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



86.3490, 7.2229, -30.1241



107.5750, 11.0555, -46.1083



72.2610, 14.1683, -17.7689



49.5050, 0.7370, -3.0739



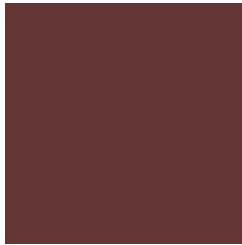
80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Previews

White Background



This preview shows how the YUV color 66.6510, -7.2229, 30.1241 looks on a white background.

Color Contrast Check

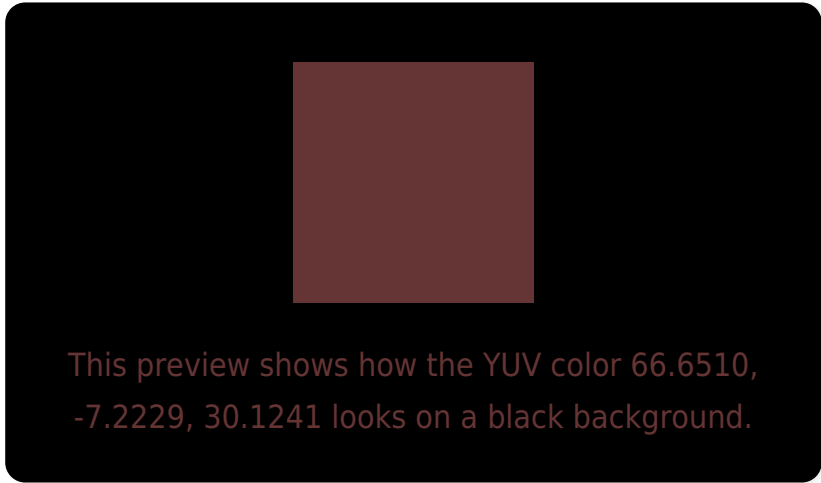
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.6510, -7.2229, 30.1241

Background



This preview shows how black text looks on a background with the YUV color 66.6510, -7.2229, 30.1241.

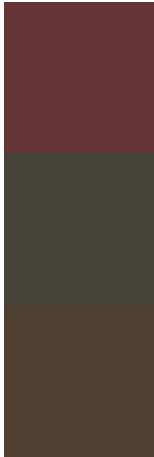


This preview shows how white text looks on a background with the YUV color 66.6510, -7.2229,

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

66.6510, -7.2229, 30.1241

Protanopia

66.9850, -3.9366, 2.6442

Deuteranopia

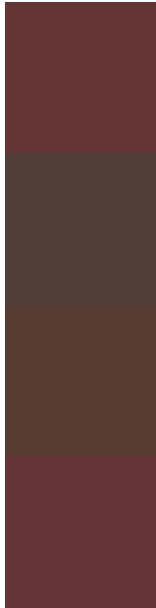
66.8890, -8.3263, 10.6213



Tritanopia

66.9930, -5.9125, 29.8241

Trichromacy



Original Color

66.6510, -7.2229, 30.1241

Protanomaly

66.9970, -5.4215, 12.2806

Deuteranomaly

67.0470, -7.9112, 17.4988

Tritanomaly

66.8790, -6.3493, 29.9241

Monochromacy



Original Color

66.6510, -7.2229, 30.1241

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6510, -7.2229, 30.1241 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(101, 52, 52)` looks like.

```
.text, #text, p{  
    color:rgb(101, 52, 52)  
}
```

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(101, 52, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 52, 52) }
```

Border

The CSS property to change the border of an element to YUV 66.6510, -7.2229, 30.1241 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(101, 52, 52) }
```


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

```
.border{ border-color:rgb(101, 52, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 52, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 52, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 52, 52);  
box-shadow:4px 4px 4px 4px rgb(101, 52,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 66.6510, -7.2229, 30.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 52, 52) }
```

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

```
.background{ background-color: rgb(101, 52,  
52) }
```

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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