

Converting Colors

YUV(85.2250, -4.5479, 12.0807)

Have a look what the booklet for
YUV(85.2250, -4.5479, 12.0807)
contains.

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Color

**YUV(85.2250, -4.5479,
12.0807)**

Conversions

Conversions Part 1

Format	Color
Hex	63504C
RGB	99, 80, 76
RGB Percent	39%, 31%, 30%
CMY	0.6118, 0.6863, 0.7020
CMYK	0.00, 0.19, 0.23, 0.61
HSL	10°, 13%, 34%
HSV	10°, 23%, 39%
XYZ	9.3188, 8.9118, 8.0665
YIQ	85.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

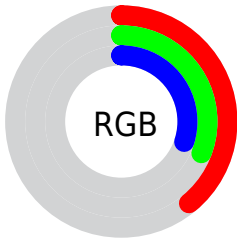
Format	Color
RYB	99, 81, 76
Decimal	6508620
CIELab	35.81, 7.22, 5.34
CIElCh	36, 8.978, 36.464
Yxy	8.9118, 0.3544, 0.3389
Android (android.graphics.Color)	4284698700 (0xFF63504C)
YUV	85.2250, -4.5479, 12.0807
Hunter-Lab	29.8526, 3.4784, 4.8761




Details

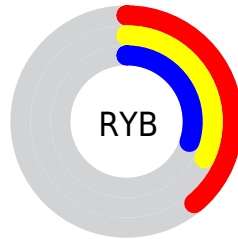
The YUV color **85.2250, -4.5479, 12.0807** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.7750, 4.5479, -12.0807**, and the grayscale version is **85.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **134.8230, -4.8427, 13.3102**, and **40.3280, -4.1057, 10.2363** is the 20% darker color. If you saturate the color by 10%, you get **79.3890, -6.6008, 17.1988**, and if you desaturate by 10%, it is **91.0610, -2.4951, 6.9625**.

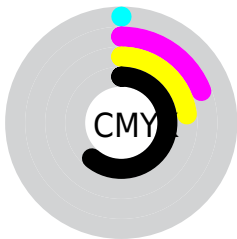
Distribution







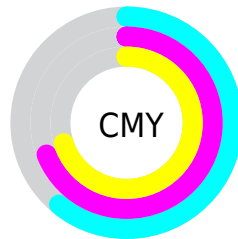
-  Red (39%)
-  Green (31%)
-  Blue (30%)






-  Red (39%)
-  Yellow (32%)
-  Blue (30%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (23%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (69%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2250, -4.5479, 12.0807 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 85.2250, -4.5479, 12.0807 by changing the saturation by 10% instead.

■ 85.2250, -4.5479,
12.0807

■ 85.2250, -4.5479,
12.0807

■ 255.0000, 0.0000,
0.0000

■ 61.9260, -4.4005,
11.4659

■ 134.8230, -4.8427,
13.3102

■ 40.3280, -4.1057,
10.2363

■ 161.1220, -4.9901,
13.9250

■ 18.5130, -4.6899,
10.9511

■ 188.3070, -5.5744,
14.6398

■ 0.0000, 0.0000,
0.0000

■ 216.3070, -5.5744,
14.6398

■ 242.5130, -4.6899,
10.9511

■ 85.2250, -4.5479,
12.0807

■ 85.2250, -4.5479,
12.0807

■ 79.3890, -6.6008,
17.1988

■ 91.0610, -2.4951,
6.9625

■ 73.5530, -8.6536,
22.3170

■ 96.8970, -0.4422,
1.8443

■ 67.1300, -10.4171,
27.9500

■ 103.3200, 1.3212,
-3.7886

■ 61.2940, -12.4699,
33.0682

■ 109.1560, 3.3741,
-8.9068

■ 55.4580, -14.5228,
38.1863

■ 114.9920, 5.4269,
-14.0250

■ 49.7360, -16.1388,
43.2045

■ 120.7140, 7.0430,
-19.0432

■ 43.9000, -18.1917,
48.3227

■ 126.5500, 9.0959,
-24.1613

■ 39.5800, -19.5129,

■ 132.3860, 11.1487,

52.1113

-29.2795

■ 138.8090, 12.9122,
-34.9125

Harmonies

Analogous

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



85.4360, -1.2009, 11.8956



85.2250, -4.5479, 12.0807



84.6330, -6.7211, 9.0919

Triad

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



85.2250, -4.5479, 12.0807



82.0760, -2.0095, -8.8367



83.8020, 6.9996, -5.0884

Complementary

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



85.2250, -4.5479, 12.0807



89.7750, 4.5479, -12.0807

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.



83.0570, 6.8739, -11.4510



85.2250, -4.5479, 12.0807



81.4930, 2.2220, -12.7104

Square

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



85.2250, -4.5479, 12.0807



82.7240, -4.7939, -2.3889



81.8780, 4.9901, -13.9250



85.3900, 5.2307, 2.2890

Rectangle

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



85.2250, -4.5479, 12.0807



83.9100, -6.8576, 6.2179



81.8780, 4.9901, -13.9250



83.4920, 7.1524, -7.4475

Sweetspot

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



85.2250, -4.5479, 12.0807



122.2780, -1.6161, 5.0182



85.0430, 4.9088, 12.2403



61.0820, -1.0264, 2.5591



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



85.2250, -4.5479, 12.0807



106.2860, -7.0430, 19.0432



91.6820, -7.7312, 6.4179



45.1960, -0.5896, 2.4591



45.2280, -22.2974, 58.5590



96.4140, -47.5321, 125.9249

Inverse Universe

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



89.7750, 4.5479, -12.0807



113.1270, 7.3324, -18.5284



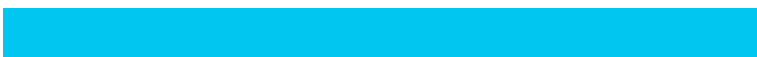
83.3180, 7.7312, -6.4179



46.8040, 0.5896, -2.4591



67.3590, 22.0080, -59.0738



143.5860, 47.5321, -125.9249

Previews

White Background



This preview shows how the YUV color 85.2250, -4.5479, 12.0807 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 85.2250, -4.5479, 12.0807 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 85.2250, -4.5479, 12.0807

Background



This preview shows how black text looks on a background with the YUV color 85.2250, -4.5479, 12.0807.

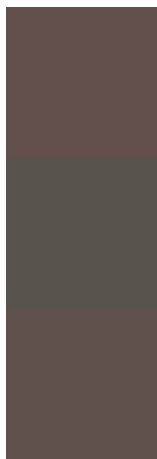


This preview shows how white text looks on a background with the YUV color 85.2250, -4.5479,

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

85.2250, -4.5479, 12.0807

Protanopia

84.2130, -3.0630, 2.4442

Deuteranopia

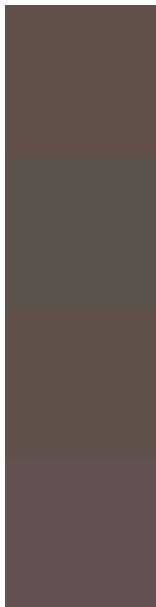
84.9150, -4.3951, 9.7215



Tritanopia

85.9630, -0.4748, 12.3104

Trichromacy



Original Color

85.2250, -4.5479, 12.0807

Protanomaly

84.7080, -3.8000, 5.5181

Deuteranomaly

85.2140, -4.5425, 10.3363

Tritanomaly

85.6210, -1.7852, 12.6104

Monochromacy



Original Color

85.2250, -4.5479, 12.0807

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9790, -1.4686, 4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2250, -4.5479, 12.0807 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(99, 80, 76)` looks like.

```
.text, #text, p{  
    color:rgb(99, 80, 76)  
}
```

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(99, 80, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 80, 76) }
```

Border

The CSS property to change the border of an element to YUV 85.2250, -4.5479, 12.0807 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(99, 80, 76) }
```


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

```
.border{ border-color:rgb(99, 80, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 80, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 80, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 80, 76);  
box-shadow:4px 4px 4px 4px rgb(99, 80, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.2250, -4.5479, 12.0807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 80, 76) }
```

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

```
.background{ background-color: rgb(99, 80,  
76) }
```

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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