

Converting Colors

YUV(63.8210, 4.5252, -51.5860)

Have a look what the booklet for
YUV(63.8210, 4.5252, -51.5860)
contains.

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Color

**YUV(63.8210, 4.5252,
-51.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	055C49
RGB	5, 92, 73
RGB Percent	2%, 36%, 29%
CMY	0.9804, 0.6392, 0.7137
CMYK	0.95, 0.00, 0.21, 0.64
HSL	167°, 90%, 19%
HSV	167°, 95%, 36%
XYZ	5.0923, 8.1676, 7.6114
YIQ	63.8210, -45.7530, -24.3530

Conversions

Conversions Part 2

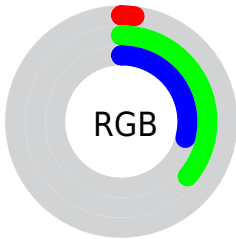
Format	Color
RYB	5, 54, 92
Decimal	351305
CIELab	34.33, -28.44, 4.39
CIELCh	34, 28.780, 171.233
Yxy	8.1676, 0.2440, 0.3913
Android (android.graphics.Color)	4278541385 (0xFF055C49)
YUV	63.8210, 4.5252, -51.5860
Hunter-Lab	28.5790, -18.2074, 4.2146

Details

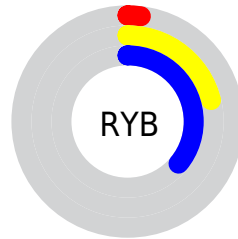
The YUV color **63.8210, 4.5252, -51.5860** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33.1790, -4.5252, 51.5860**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4800, 1.7354, -43.3940**, and **29.7210, -0.3555, -26.0653** is the 20% darker color. If you saturate the color by 10%, you get **62.2120, 4.8255, -54.5599**, and if you desaturate by 10%, it is **66.7400, 4.0722, -46.2530**.

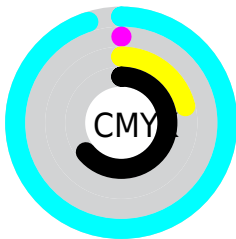
Distribution



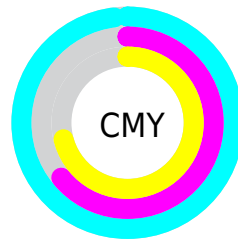
- Red (2%)
- Green (36%)
- Blue (29%)



- Red (2%)
- Yellow (21%)
- Blue (36%)



- Cyan (95%)
- Magenta (0%)
- Yellow (21%)
- Black (64%)



- Cyan (98%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8210, 4.5252, -51.5860 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 63.8210, 4.5252, -51.5860 by changing the saturation by 10% instead.

■ 63.8210, 4.5252,
-51.5860

■ 63.8210, 4.5252,
-51.5860

255.0000, 0.0000,
0.0000

■ 45.7300, 2.5981,
-40.1052

■ 118.4800, 1.7354,
-43.3940

■ 29.7210, -0.3555,
-26.0653

■ 145.2520, 0.8618,
-43.1940

■ 14.5440, -5.1982,
-12.7551

■ 172.2520, 0.8618,
-43.1940

■ 0.0000, 0.0000,
0.0000

■ 199.8390, 0.5724,
-43.7088

■ 228.4260, 0.2830,
-44.2236

■ 240.3490, 7.2229,

-30.1241

249.0200, 2.9481,
-12.2955

63.8210, 4.5252,
-51.5860

63.8210, 4.5252,
-51.5860

62.2120, 4.8255,
-54.5599

66.7400, 4.0722,
-46.2530

69.6590, 3.6191,
-40.9199

72.8770, 3.0186,
-34.9721

75.7960, 2.5656,
-29.6391

78.7150, 2.1125,
-24.3061

■ 81.6340, 1.6594,
-18.9730

■ 84.5530, 1.2064,
-13.6400

■ 87.7710, 0.6059,
-7.6922

■ 90.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



73.3060, -10.9969, -19.5624



63.8210, 4.5252, -51.5860



65.0620, 15.7454, -57.0594

Triad

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



63.8210, 4.5252, -51.5860



80.7490, 20.8297, -7.6729



80.4310, -16.9745, 31.1940

Complementary

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



63.8210, 4.5252, -51.5860



33.1790, -4.5252, 51.5860

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.



81.4670, -8.1182, 37.3014



63.8210, 4.5252, -51.5860



83.2530, 13.1863, 17.3181

Square

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



63.8210, 4.5252, -51.5860



70.5380, 27.3428, -43.4448



82.3060, 2.8071, 33.0576



79.0890, -21.7359, 18.3389

Rectangle

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



63.8210, 4.5252, -51.5860



65.9570, 21.7132, -57.8443



82.3060, 2.8071, 33.0576



80.5500, -14.0751, 34.5977

Sweetspot

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



63.8210, 4.5252, -51.5860



109.0360, 1.9543, -20.2026



62.0490, -28.1252, -32.4920



54.2650, 1.3484, -12.5104



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



63.8210, 4.5252, -51.5860



81.1560, 6.3321, -71.1738



52.4860, 19.4804, -41.6452



44.3910, 0.3002, -2.9739



74.3740, 5.7316, -65.2260



160.2090, 12.2220, -140.5033

Inverse Universe

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



33.1790, -4.5252, 51.5860



38.8440, -6.3321, 71.1738



44.5140, -19.4804, 41.6452



42.6090, -0.3002, 2.9739



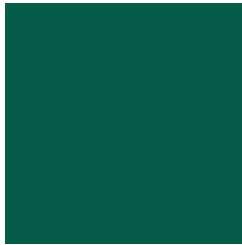
35.6260, -5.7316, 65.2260



76.7910, -12.2220, 140.5033

Previews

White Background



This preview shows how the YUV color 63.8210, 4.5252, -51.5860 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 63.8210, 4.5252, -51.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

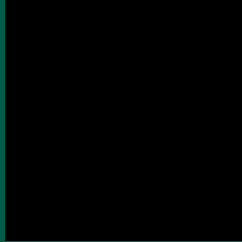
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8210, 4.5252, -51.5860

Background



This preview shows how black text looks on a background with the YUV color 63.8210, 4.5252, -51.5860.



This preview shows how white text looks on a background with the YUV color 63.8210, 4.5252, -51.5860.

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

63.8210, 4.5252, -51.5860

Protanopia

80.6000, -6.7048, 3.8588

Deuteranopia

81.3600, -2.6425, 7.5773



Tritanopia

71.5590, 12.0494, -38.2012

Trichromacy



Original Color

63.8210, 4.5252, -51.5860

Protanomaly

74.5050, -2.7140, -16.2289

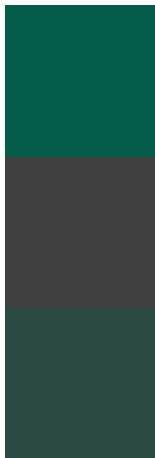
Deuteranomaly

74.9120, 0.0434, -13.9548

Tritanomaly

68.8420, 9.4449, -42.8344

Monochromacy



Original Color

63.8210, 4.5252, -51.5860

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9330, 1.5120, -18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8210, 4.5252, -51.5860 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(5, 92, 73)` looks like.

```
.text, #text, p{  
    color:rgb(5, 92, 73)  
}
```

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(5, 92, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 92, 73) }
```

Border

The CSS property to change the border of an element to YUV 63.8210, 4.5252, -51.5860 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(5, 92, 73) }
```


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

```
.border{ border-color:rgb(5, 92, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 92, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 92, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 92, 73); box-shadow:4px  
4px 4px 4px rgb(5, 92, 73) }
```

Background

The CSS property to change the background color of an element to YUV 63.8210, 4.5252, -51.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 92, 73) }
```

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

```
.background{ background-color: rgb(5, 92,  
73) }
```

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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