

Converting Colors

YUV(95.4050, -4.6367, -52.9752)

Have a look what the booklet for
YUV(95.4050, -4.6367, -52.9752)
contains.

YUV(95.4050, -4.6367, -52.9752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.4050, -4.6367,
-52.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	238056
RGB	35, 128, 86
RGB Percent	14%, 50%, 34%
CMY	0.8627, 0.4980, 0.6627
CMYK	0.73, 0.00, 0.33, 0.50
HSL	153°, 57%, 32%
HSV	153°, 73%, 50%
XYZ	10.0920, 16.4676, 11.4507
YIQ	95.4050, -41.9460, -32.7780

Conversions

Conversions Part 2

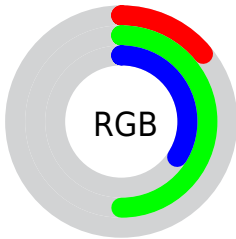
Format	Color
R_{YB}	35, 95, 128
Decimal	2326614
CIE _{Lab}	47.58, -37.30, 15.22
CIE _{LCh}	48, 40.282, 157.799
Yxy	16.4676, 0.2655, 0.4332
Android (android.graphics.Color)	4280516694 (0xFF238056)
YUV	95.4050, -4.6367, -52.9752
Hunter-Lab	40.5802, -26.6237, 11.6760

Details

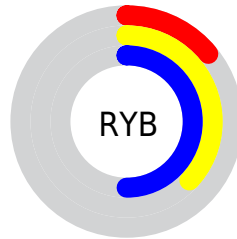
The YUV color **95.4050, -4.6367, -52.9752** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **67.5950, 4.6367, 52.9752**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1450, -6.9735, -50.1162**, and **50.3460, -5.1006, -44.1534** is the 20% darker color. If you saturate the color by 10%, you get **90.8340, -5.3412, -60.3674**, and if you desaturate by 10%, it is **99.9760, -3.9322, -45.5830**.

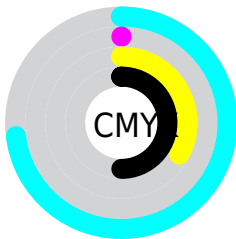
Distribution



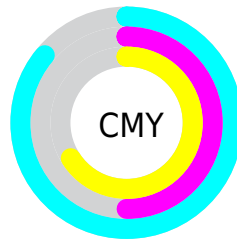
- Red (14%)
- Green (50%)
- Blue (34%)



- Red (14%)
- Yellow (37%)
- Blue (50%)



- Cyan (73%)
- Magenta (0%)
- Yellow (33%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4050, -4.6367, -52.9752 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 95.4050, -4.6367, -52.9752 by changing the saturation by 10% instead.

■ 95.4050, -4.6367,
-52.9752

■ 95.4050, -4.6367,
-52.9752

255.0000, 0.0000,
0.0000

■ 67.0560, -1.9996,
-58.8081

■ 150.1450, -6.9735,
-50.1162

■ 50.3460, -5.1006,
-44.1534

■ 177.9170, -7.8471,
-49.9162

■ 33.9780, -6.8912,
-29.7987

■ 205.5040, -8.1365,
-50.4310

■ 19.9580, -9.8393,
-17.5032

■ 227.0470, -4.9532,
-44.7682

■ 0.0000, 0.0000,
0.0000

■ 239.0240, 3.4392,
-29.8390

■ 248.7210, 3.0955,

-12.9103

■ 95.4050, -4.6367,
-52.9752

■ 95.4050, -4.6367,
-52.9752

■ 90.8340, -5.3412,
-60.3674

■ 99.9760, -3.9322,
-45.5830

■ 86.2630, -6.0457,
-67.7597

■ 104.5470, -3.2277,
-38.1907

■ 83.1160, -6.4662,
-72.8927

■ 108.7050, -2.8126,
-31.3133

■ 113.2760, -2.1081,
-23.9211

■ 117.8470, -1.4036,
-16.5288

■ 122.4180, -0.6991,
-9.1366

■ 126.8750, -0.4314,
-1.6444

■ 131.1470, 0.4205,
5.1331

■ 135.7180, 1.1250,
12.5253

Harmonies

Analogous

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



105.0110, -23.6694, -14.9186



95.4050, -4.6367, -52.9752



90.1040, 15.2317, -79.0212

Triad

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



95.4050, -4.6367, -52.9752



107.7700, 35.6094, -34.8783



112.5800, -19.5129, 52.1113

Complementary

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



95.4050, -4.6367, -52.9752



67.5950, 4.6367, 52.9752

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.



113.3150, -4.0993, 54.9747



95.4050, -4.6367, -52.9752



115.7110, 25.2855, 9.9005

Square

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



95.4050, -4.6367, -52.9752



92.1510, 40.8446, -80.8164



115.6410, 11.5160, 39.7798



111.2070, -30.6681, 36.6525

Rectangle

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



95.4050, -4.6367, -52.9752



92.0250, 25.1307, -80.7059



115.6410, 11.5160, 39.7798



112.8560, -14.7190, 54.5003

Sweetspot

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



95.4050, -4.6367, -52.9752



152.9990, -1.9715, -21.0471



102.4480, -33.2519, -21.4409



76.2820, -1.1250, -12.5253



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



95.4050, -4.6367, -52.9752



115.5340, -7.1653, -82.0293



98.4320, 14.5770, -55.6299



61.5650, -0.2785, -4.0035



83.1160, -6.4662, -72.8927



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.5950, 4.6367, 52.9752



72.4660, 7.1653, 82.0293



64.5680, -14.5770, 55.6299



59.4350, 0.2785, 4.0035



44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.4050, -4.6367, -52.9752 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 × Fail

Black Background



This preview shows how the YUV color 95.4050, -4.6367, -52.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 95.4050, -4.6367, -52.9752

Background



This preview shows how black text looks on a background with the YUV color 95.4050, -4.6367, -52.9752.



This preview shows how white text looks on a background with the YUV color 95.4050, -4.6367, -52.9752.

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

95.4050, -4.6367, -52.9752

Protanopia

110.9290, -15.7410, 8.8323

Deuteranopia

112.6400, -10.6685, 15.2247



Tritanopia

103.1070, 14.2442, -42.1898

Trichromacy



Original Color

95.4050, -4.6367, -52.9752

Protanomaly

105.5240, -11.5973, -13.6145

Deuteranomaly

106.0560, -8.4086, -9.6961

Tritanomaly

100.2500, 7.2717, -45.8233

Monochromacy



Original Color

95.4050, -4.6367, -52.9752

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1240, -1.5401, -19.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4050, -4.6367, -52.9752 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(35, 128, 86)` looks like.

```
.text, #text, p{  
    color:rgb(35, 128, 86)  
}
```

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(35, 128, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 128, 86) }
```

Border

The CSS property to change the border of an element to YUV 95.4050, -4.6367, -52.9752 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(35, 128, 86) }
```


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

```
.border{ border-color:rgb(35, 128, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 128, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 128, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 128, 86);  
box-shadow:4px 4px 4px 4px rgb(35, 128,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 95.4050, -4.6367, -52.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 128, 86) }
```

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

```
.background{ background-color: rgb(35, 128,  
86) }
```

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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