

Converting Colors

YUV(112.3950, -52.9457,
-4.7314)

Have a look what the booklet for
YUV(112.3950, -52.9457, -4.7314)
contains.

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Color

**YUV(112.3950, -52.9457,
-4.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8805
RGB	107, 136, 5
RGB Percent	42%, 53%, 2%
CMY	0.5804, 0.4667, 0.9804
CMYK	0.21, 0.00, 0.96, 0.47
HSL	73°, 93%, 28%
HSV	73°, 96%, 53%
XYZ	14.8950, 20.7451, 3.3627
YIQ	112.3950, 24.7670, -46.8890

Conversions

Conversions Part 2

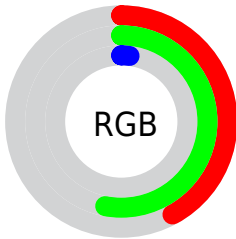
Format	Color
R_{YB}	5, 136, 34
Decimal	7047173
CIE _{Lab}	52.67, -26.42, 55.65
CIE _{LCh}	53, 61.600, 115.397
Yxy	20.7451, 0.3819, 0.5319
Android (android.graphics.Color)	4285237253 (0xFF6B8805)
YUV	112.3950, -52.9457, -4.7314
Hunter-Lab	45.5468, -21.3328, 27.5053

Details

The YUV color **112.3950, -52.9457, -4.7314** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **28.6050, 52.9457, 4.7314**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2470, -48.4358, -4.6016**, and **66.9270, -32.9950, -10.4600** is the 20% darker color. If you saturate the color by 10%, you get **111.5260, -54.9823, -4.8463**, and if you desaturate by 10%, it is **114.8880, -47.2728, -4.2868**.

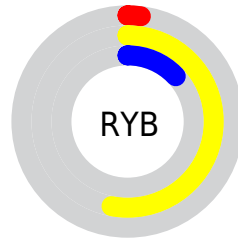
Distribution



Red (42%)

Green (53%)

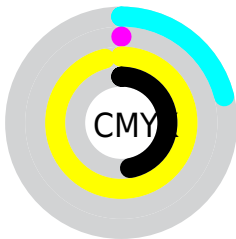
Blue (2%)



Red (2%)

Yellow (53%)

Blue (13%)

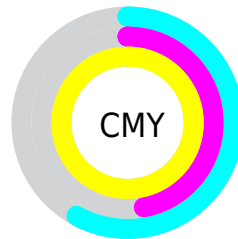


Cyan (21%)

Magenta (0%)

Yellow (96%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3950, -52.9457, -4.7314 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 112.3950, -52.9457, -4.7314 by changing the saturation by 10% instead.

■ 112.3950,
-52.9457, -4.7314

■ 112.3950,
-52.9457, -4.7314

■ 255.0000, 0.0000,
0.0000

■ 89.0770, -43.9150,
-7.9605

■ 167.2470,
-48.4358, -4.6016

■ 66.9270, -32.9950,
-10.4600

■ 195.1330,
-48.8726, -4.5016

■ 45.0540, -22.2116,
-15.8334

■ 223.9050,
-49.7462, -4.3017

■ 23.4800, -11.5756,
-20.5920

■ 240.9370,
-44.8319, 6.1943

■ 9.9790, -4.9196,
-8.7516


■ 246.2220,
-33.6334, 7.6983


■ 0.0000, 0.0000,
0.0000


■ 249.4140,

-21.4031, 4.8989


 252.7200, -8.7360,
1.9996


 112.3950,
-52.9457, -4.7314


 112.3950,
-52.9457, -4.7314

 111.5260,
-54.9823, -4.8463

 114.8880,
-47.2728, -4.2868

 117.2670,
-42.0366, -3.7422

 119.7600,
-36.3637, -3.2975

 122.1390,
-31.1275, -2.7529

 124.6320,
-25.4546, -2.3083

■ 127.1250,
-19.7816, -1.8636

■ 129.5040,
-14.5455, -1.3190

■ 131.9970, -8.8725,
-0.8744

■ 134.3760, -3.6364,
-0.3298

Harmonies

Analogous

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



117.6820, -58.0172, 35.3589



112.3950, -52.9457, -4.7314



96.9670, -17.2387, -71.0081

Triad

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



112.3950, -52.9457, -4.7314



109.8700, 50.3501, -96.3560



121.4660, 7.1653, 82.0293

Complementary

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



112.3950, -52.9457, -4.7314



28.6050, 52.9457, 4.7314

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.



128.2670, 28.9554, 46.2468



112.3950, -52.9457, -4.7314



105.1060, 62.5587, -92.1780

Square

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



112.3950, -52.9457, -4.7314



107.4300, 30.8470, -94.2161



125.1050, 47.7692, -15.0011



119.3700, -17.4374, 86.4985

Rectangle

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



112.3950, -52.9457, -4.7314



97.9340, -0.4605, -85.8881



125.1050, 47.7692, -15.0011



124.0610, 14.7599, 72.7375

Sweetspot

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



112.3950, -52.9457, -4.7314



166.8970, -20.6552, -1.6637



60.6050, -27.4133, 66.1214



83.3730, -12.5089, -1.2041



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.3950, -52.9457, -4.7314



144.2750, -71.1276, -6.3802



92.9600, -43.3643, -44.6919



67.6040, -2.7628, -0.5297



108.8680, -53.6719, -5.1462



4.1310, -2.0366, -0.1149

Inverse Universe

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



28.6050, 52.9457, 4.7314



31.7250, 71.1276, 6.3802



48.0400, 43.3643, 44.6919



63.0970, 2.9102, -0.0851



23.8330, 53.8193, 4.5315



0.8690, 2.0366, 0.1149

Previews

White Background



This preview shows how the YUV color 112.3950, -52.9457, -4.7314 looks on a white 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

Black Background



This preview shows how the YUV color 112.3950, -52.9457, -4.7314 looks on a black 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

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

YUV 112.3950, -52.9457, -4.7314 Background



This preview shows how black text looks on a background with the YUV color 112.3950, -52.9457, -4.7314.



This preview shows how white text looks on a background with the YUV color 112.3950, -52.9457, -4.7314.

-4.7314.

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

112.3950, -52.9457, -4.7314

Protanopia

116.4200, -57.3951, 22.4337

Deuteranopia

119.9450, -46.8079, 33.3742



Tritanopia

125.0470, 5.3998, -5.3032

Trichromacy



Original Color

112.3950, -52.9457, -4.7314

Protanomaly

115.1090, -55.7627, 12.1824

Deuteranomaly

116.9880, -48.8011, 19.3045

Tritanomaly

120.7270, -16.1344, -5.0226

Monochromacy



Original Color

112.3950, -52.9457, -4.7314

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2390, -19.3448, -1.9636

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3950, -52.9457, -4.7314 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(107, 136, 5)` looks like.

```
.text, #text, p{  
    color:rgb(107, 136, 5)  
}
```

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(107, 136, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 136, 5) }
```

Border

The CSS property to change the border of an element to YUV 112.3950, -52.9457, -4.7314 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(107, 136, 5) }
```


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

```
.border{ border-color:rgb(107, 136, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 136, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 136, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 136, 5);  
box-shadow:4px 4px 4px 4px rgb(107, 136,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 112.3950, -52.9457, -4.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 136, 5) }
```

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

```
.background{ background-color: rgb(107,  
136, 5) }
```

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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