

Converting Colors

YUV(112.0110, -50.7844,
-44.7366)

Have a look what the booklet for
YUV(112.0110, -50.7844, -44.7366)
contains.

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Color

**YUV(112.0110, -50.7844,
-44.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9E09
RGB	61, 158, 9
RGB Percent	24%, 62%, 4%
CMY	0.7608, 0.3804, 0.9647
CMYK	0.61, 0.00, 0.94, 0.38
HSL	99°, 89%, 33%
HSV	99°, 94%, 62%
XYZ	14.2006, 25.4655, 4.4253
YIQ	112.0110, -9.9830, -66.9030

Conversions

Conversions Part 2

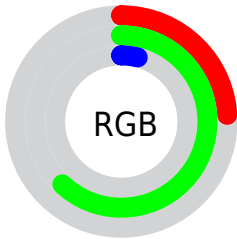
Format	Color
RYB	9, 158, 106
Decimal	4038153
CIELab	57.53, -51.61, 58.01
CIELCh	58, 77.642, 131.661
Yxy	25.4655, 0.3221, 0.5776
Android (android.graphics.Color)	4282228233 (0xFF3D9E09)
YUV	112.0110, -50.7844, -44.7366
Hunter-Lab	50.4634, -38.0802, 30.1250

Details

The YUV color **112.0110, -50.7844, -44.7366** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **54.9890, 50.7844, 44.7366**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3470, -47.0061, -43.2773**, and **61.6350, -30.3861, -54.0539** is the 20% darker color. If you saturate the color by 10%, you get **109.1910, -53.8312, -47.5255**, and if you desaturate by 10%, it is **116.8250, -45.2697, -40.1885**.

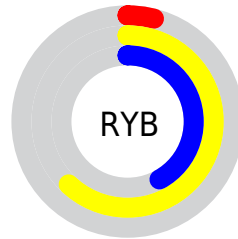
Distribution



Red (24%)

Green (62%)

Blue (4%)



Red (4%)

Yellow (62%)

Blue (42%)

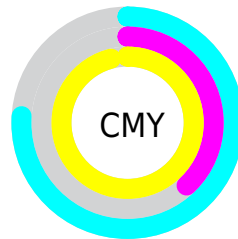


Cyan (61%)

Magenta (0%)

Yellow (94%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0110, -50.7844, -44.7366 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 112.0110, -50.7844, -44.7366 by changing the saturation by 10% instead.

■ 112.0110,
-50.7844, -44.7366

■ 112.0110,
-50.7844, -44.7366

■ 255.0000, 0.0000,
0.0000

■ 83.7740, -41.3006,
-53.2988

■ 170.3470,
-47.0061, -43.2773

■ 61.6350, -30.3861,
-54.0539

■ 198.5320,
-47.5903, -42.5626

■ 46.9600, -23.1513,
-41.1839

■ 217.9120,
-43.8336, -34.1258

■ 32.8720, -16.2059,
-28.8287

■ 229.7750,
-35.8781, -19.0967

■ 19.9580, -9.8393,
-17.5032

■ 241.9370,
-28.0699, -3.4527

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

■ 253.6320, -5.2416,
1.1997

■ 112.0110,
-50.7844, -44.7366

■ 112.0110,
-50.7844, -44.7366

■ 109.1910,
-53.8312, -47.5255

■ 116.8250,
-45.2697, -40.1885

■ 121.9380,
-39.9024, -35.0256

■ 126.6380,
-34.8245, -30.3775

■ 131.4520,
-29.3098, -25.8294

■ 136.2660,
-23.7951, -21.2813

■ 141.3790,
-18.4278, -16.1184

■ 146.1930,
-12.9131, -11.5703

■ 150.8930, -7.8352,
-6.9222

■ 156.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



127.2850, -62.7515, 13.7821



112.0110, -50.7844, -44.7366



107.4570, -7.1273, -94.2398

Triad

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



112.0110, -50.7844, -44.7366



121.2290, 65.9491, -106.3178



121.6400, -3.2735, 116.9567

Complementary

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



112.0110, -50.7844, -44.7366



54.9890, 50.7844, 44.7366

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.



131.2280, 25.0306, 91.8850



112.0110, -50.7844, -44.7366



110.0760, 71.4475, -96.5367

Square

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



112.0110, -50.7844, -44.7366



123.3200, 51.1142, -108.1516



141.1240, 49.2389, 27.0783



127.6540, -38.2834, 99.4044

Rectangle

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



112.0110, -50.7844, -44.7366



113.9890, 12.8234, -99.9684



141.1240, 49.2389, 27.0783



122.6750, 7.0622, 115.1720

Sweetspot

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



112.0110, -50.7844, -44.7366



189.0260, -19.7328, -17.5628



110.4900, -50.0346, 41.6663



93.7200, -12.1870, -11.1554



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.0110, -50.7844, -44.7366



143.0370, -70.5172, -62.2994



98.9710, -33.5097, -78.9046



76.5930, -2.7573, -2.2741



98.8910, -48.7533, -42.8774



10.3000, -5.0779, -4.6481

Inverse Universe

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



54.9890, 50.7844, 44.7366



63.6640, 70.6646, 61.6847



68.0290, 33.5097, 78.9046



73.4070, 2.7573, 2.2741



44.1090, 48.7533, 42.8774



4.7000, 5.0779, 4.6481

Previews

White Background



This preview shows how the YUV color 112.0110, -50.7844, -44.7366 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 112.0110, -50.7844, -44.7366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

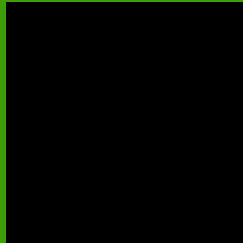
Any Text WCAG AA ✓ Pass

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 112.0110, -50.7844, -44.7366 Background



This preview shows how black text looks on a background with the YUV color 112.0110, -50.7844, -44.7366.



This preview shows how white text looks on a background with the YUV color 112.0110, -50.7844, -44.7366.

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

112.0110, -50.7844, -44.7366

Protanopia

127.3510, -62.7840, 24.2482

Deuteranopia

131.9130, -48.2711, 36.0333



Tritanopia

130.4280, 14.0860, -38.0864

Trichromacy



Original Color

112.0110, -50.7844, -44.7366

Protanomaly

121.6360, -58.4875, -0.5578

Deuteranomaly

124.4980, -49.0525, 6.5793

Tritanomaly

123.8150, -9.7688, -40.1798

Monochromacy



Original Color

112.0110, -50.7844, -44.7366

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0800, -18.2804, -16.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0110, -50.7844, -44.7366 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(61, 158, 9)` looks like.

```
.text, #text, p{  
    color:rgb(61, 158, 9)  
}
```

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(61, 158, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 158, 9) }
```

Border

The CSS property to change the border of an element to YUV 112.0110, -50.7844, -44.7366 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(61, 158, 9) }
```


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

```
.border{ border-color:rgb(61, 158, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 158, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 158, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 158, 9);  
box-shadow:4px 4px 4px 4px rgb(61, 158, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 112.0110, -50.7844, -44.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 158, 9) }
```

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

```
.background{ background-color: rgb(61, 158,  
9) }
```

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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