

Converting Colors

YUV(114.1600, -56.2809,
38.4477)

Have a look what the booklet for
YUV(114.1600, -56.2809, 38.4477)
contains.

YUV(114.1600, -56.2809, 38.4477)	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>	30

Color

**YUV(114.1600, -56.2809,
38.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7200
RGB	158, 114, 0
RGB Percent	62%, 45%, 0%
CMY	0.3804, 0.5529, 1.0000
CMYK	0.00, 0.28, 1.00, 0.38
HSL	43°, 100%, 31%
HSV	43°, 100%, 62%
XYZ	20.1179, 19.3037, 2.6657
YIQ	114.1600, 62.8180, -26.1260

Conversions

Conversions Part 2

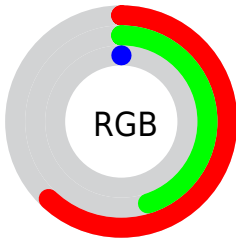
Format	Color
R_{YB}	61, 158, 0
Decimal	10383872
CIE _{Lab}	51.04, 9.01, 57.51
CIE _{LCh}	51, 58.215, 81.097
Yxy	19.3037, 0.4780, 0.4587
Android (android.graphics.Color)	4288573952 (0xFF9E7200)
YUV	114.1600, -56.2809, 38.4477
Hunter-Lab	43.9360, 4.8454, 27.1580

Details

The YUV color **114.1600, -56.2809, 38.4477** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43.8400, 56.2809, -38.4477**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6210, -52.0712, 41.5514**, and **69.2400, -34.1353, 28.7305** is the 20% darker color. If you saturate the color by 10%, you get **114.1600, -56.2809, 38.4477**, and if you desaturate by 10%, it is **118.3320, -50.4497, 34.7888**.

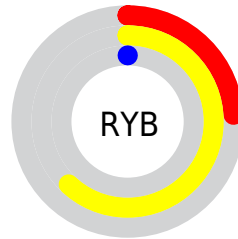
Distribution



Red (62%)

Green (45%)

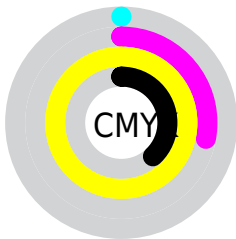
Blue (0%)



Red (24%)

Yellow (62%)

Blue (0%)

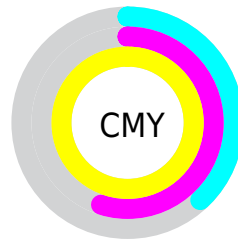


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1600, -56.2809, 38.4477 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 114.1600, -56.2809, 38.4477 by changing the saturation by 10% instead.

■ 114.1600,
-56.2809, 38.4477

■ 114.1600,
-56.2809, 38.4477

■ 255.0000, 0.0000,
0.0000

■ 91.4010, -45.0607,
32.9743

■ 169.6210,
-52.0712, 41.5514

■ 69.2400, -34.1353,
28.7305

■ 197.5180,
-52.5134, 43.3957

■ 48.5410, -23.9307,
22.3275

■ 218.7230,
-50.1494, 31.8149

■ 28.4400, -14.0209,
17.1541

■ 238.8240,
-46.7482, 14.1864


■ 7.1760, -3.5378,
14.7546


■ 245.5380,
-36.2542, 8.2982


■ 0.0000, 0.0000,
0.0000


■ 248.7300,


-24.0239, 5.4988


 252.0360,
-11.3567, 2.5994


 114.1600,
-56.2809, 38.4477

 118.3320,
-50.4497, 34.7888

 123.0910,
-44.9079, 30.6152

 127.1490,
-39.5135, 27.0563

 131.9080,
-33.9716, 22.8827

 136.0800,
-28.1404, 19.2238

■ 140.2520,
-22.3092, 15.5650

■ 145.0110,
-16.7674, 11.3914

■ 149.0690,
-11.3730, 7.8325

■ 153.8280, -5.8312,
3.6588

Harmonies

Analogous

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



117.0150, -35.9964, 65.7618



114.1600, -56.2809, 38.4477



110.4820, -51.5096, 1.3313

Triad

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



114.1600, -56.2809, 38.4477



102.8990, 26.1788, -90.2424



125.0270, 29.5667, 36.8103

Complementary

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



114.1600, -56.2809, 38.4477



43.8400, 56.2809, -38.4477

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.



119.2240, 47.2176, -24.7524



114.1600, -56.2809, 38.4477



105.3390, 45.6819, -92.3823

Square

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



114.1600, -56.2809, 38.4477



96.4980, 4.1915, -84.6287



102.5640, 57.8959, -89.9486



119.3940, 9.6658, 73.3225

Rectangle

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



114.1600, -56.2809, 38.4477



106.1050, -33.0828, -29.0331



102.5640, 57.8959, -89.9486



125.1110, 35.4413, 19.1967

Sweetspot

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



114.1600, -56.2809, 38.4477



189.3660, -21.8724, 15.4650



52.3720, -3.6344, 92.6358



94.2110, -13.4150, 9.4620



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.



114.1600, -56.2809, 38.4477



149.3560, -73.6325, 50.5538



129.8220, -64.0022, -5.1059



76.9140, -2.9156, 1.8294



103.2180, -50.8865, 34.8888



10.9420, -5.3944, 3.5589

Inverse Universe

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



43.8400, 56.2809, -38.4477



57.6440, 73.6325, -50.5538



28.1780, 64.0022, 5.1059



73.0860, 2.9156, -1.8294



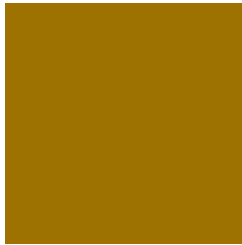
39.7820, 50.8865, -34.8888



4.0580, 5.3944, -3.5589

Previews

White Background



This preview shows how the YUV color 114.1600, -56.2809, 38.4477 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 114.1600, -56.2809, 38.4477 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 114.1600, -56.2809, 38.4477

Background



This preview shows how black text looks on a background with the YUV color 114.1600, -56.2809, 38.4477.



This preview shows how white text looks on a background with the YUV color 114.1600, -56.2809, 38.4477.

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



Protanopia

113.9020, -51.7167, 21.1339

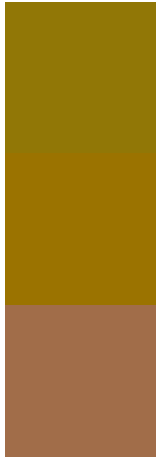
Deuteranopia

114.1380, -56.2700, 34.9590

Tritanopia

123.9550, -4.9078, 34.2425

Trichromacy



Protanomaly

113.8920, -53.1908, 27.2817

Deuteranomaly

113.8500, -56.1280, 36.0886

Tritanomaly

120.4440, -23.3899, 35.5676

Monochromacy



Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1100, -20.2672, 13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1600, -56.2809, 38.4477 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(158, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 114, 0)  
}
```

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(158, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 114, 0) }
```

Border

The CSS property to change the border of an element to YUV 114.1600, -56.2809, 38.4477 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(158, 114, 0) }
```

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

```
.border{ border-color:rgb(158, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 114,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 114.1600, -56.2809, 38.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 114, 0) }
```

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

```
.background{ background-color: rgb(158,  
114, 0) }
```

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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