

Converting Colors

YUV(128.5860, -58.9559,
56.4911)

Have a look what the booklet for
YUV(128.5860, -58.9559, 56.4911)
contains.

YUV(128.5860, -58.9559, 56.4911)	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(128.5860, -58.9559,
56.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	C17709
RGB	193, 119, 9
RGB Percent	76%, 47%, 4%
CMY	0.2431, 0.5333, 0.9647
CMYK	0.00, 0.38, 0.95, 0.24
HSL	36°, 91%, 40%
HSV	36°, 95%, 76%
XYZ	28.6385, 24.5508, 3.4878
YIQ	128.5860, 79.4140, -18.5220

Conversions

Conversions Part 2

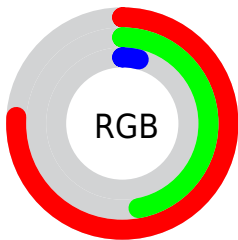
Format	Color
R_{YB}	133, 193, 9
Decimal	12678921
CIE Lab	56.64, 22.12, 61.72
CIE LCh	57, 65.560, 70.281
Yxy	24.5508, 0.5053, 0.4332
Android (android.graphics.Color)	4290869001 (0xFFC17709)
YUV	128.5860, -58.9559, 56.4911
Hunter-Lab	49.5488, 16.4599, 30.5106

Details

The YUV color **128.5860, -58.9559, 56.4911** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **73.4140, 58.9559, -56.4911**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7160, -56.0620, 61.6391**, and **80.8570, -39.8625, 45.7294** is the 20% darker color. If you saturate the color by 10%, you get **125.2120, -61.7295, 59.4501**, and if you desaturate by 10%, it is **135.4480, -52.9719, 50.4731**.

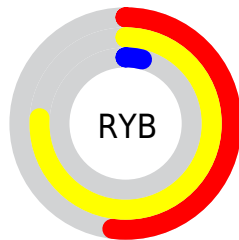
Distribution



Red (76%)

Green (47%)

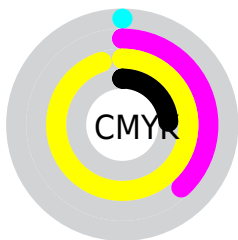
Blue (4%)



Red (52%)

Yellow (76%)

Blue (4%)

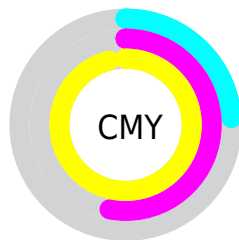


Cyan (0%)

Magenta (38%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5860, -58.9559, 56.4911 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 128.5860, -58.9559, 56.4911 by changing the saturation by 10% instead.

■ 128.5860,
-58.9559, 56.4911

■ 128.5860,
-58.9559, 56.4911

■ 255.0000, 0.0000,
0.0000

■ 103.9150,
-51.2301, 51.8175

■ 184.7160,
-56.0620, 61.6391

■ 80.8570, -39.8625,
45.7294

■ 204.2300,
-52.3714, 44.5253

■ 58.6850, -28.9317,
39.7413

■ 223.6300,
-49.1176, 27.5115

■ 37.3990, -18.4377,
33.8531

■ 243.2580,
-44.9902, 10.2977

■ 16.9990, -8.3805,
28.0649

■ 246.3360,
-33.1966, 7.5983

■ 5.3820, -2.6533,
11.0660

■ 249.6420,

■ 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.9480, -7.8624,
1.7996

128.5860,
-58.9559, 56.4911

128.5860,
-58.9559, 56.4911

125.2120,
-61.7295, 59.4501

135.4480,
-52.9719, 50.4731

142.4240,
-46.5510, 44.3552

148.6990,
-40.2776, 38.8520

155.5610,
-34.2936, 32.8340

162.4230,
-28.3095, 26.8160

■ 169.3990,
-21.8887, 20.6981

■ 175.6740,
-15.6153, 15.1949

■ 182.5360, -9.6312,
9.1769

■ 189.5120, -3.2104,
3.0590

Harmonies

Analogous

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



130.0480, -32.5617, 84.1499



128.5860, -58.9559, 56.4911



124.9480, -61.5994, 17.5856

Triad

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



128.5860, -58.9559, 56.4911



112.7640, 20.8223, -98.8940



139.4300, 41.6930, 20.6709

Complementary

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



128.5860, -58.9559, 56.4911



73.4140, 58.9559, -56.4911

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.



111.5070, 67.7840, -88.1446



128.5860, -58.9559, 56.4911



117.7460, 44.9882, -103.2632

Square

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



128.5860, -58.9559, 56.4911



104.7500, -4.8067, -91.8657



116.9260, 62.1545, -102.5441



135.1410, 20.1435, 72.6673

Rectangle

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



128.5860, -58.9559, 56.4911



120.7960, -51.1714, -13.8531



116.9260, 62.1545, -102.5441



136.9970, 48.3155, -3.5054

Sweetspot

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



128.5860, -58.9559, 56.4911



224.6550, -23.4939, 22.2276



72.7940, 6.5106, 105.4207



109.4180, -14.0101, 13.6654



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



128.5860, -58.9559, 56.4911



162.2130, -79.9710, 76.9892



167.5390, -78.1597, 9.1743



93.5120, -3.2104, 3.0590



104.4910, -51.5141, 49.5584



21.6070, -10.6523, 9.9917

Inverse Universe

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



73.4140, 58.9559, -56.4911



87.7870, 79.9710, -76.9892



34.4610, 78.1597, -9.1743



90.4880, 3.2104, -3.0590



56.5090, 51.5141, -49.5584



11.3930, 10.6523, -9.9917

Previews

White Background



This preview shows how the YUV color 128.5860, -58.9559, 56.4911 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 128.5860, -58.9559, 56.4911 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 128.5860, -58.9559, 56.4911 Background



This preview shows how black text looks on a background with the YUV color 128.5860, -58.9559, 56.4911.



This preview shows how white text looks on a background with the YUV color 128.5860, -58.9559, 56.4911.

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

128.5860, -58.9559, 56.4911

Protanopia

128.4030, -54.9217, 22.4486

Deuteranopia

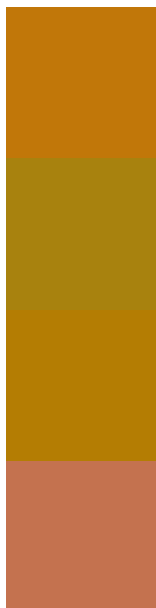
127.1510, -62.6854, 39.3326



Tritanopia

137.9250, -9.3300, 52.6858

Trichromacy



Original Color

128.5860, -58.9559, 56.4911

Protanomaly

128.1380, -56.2700, 34.9590

Deuteranomaly

127.5370, -61.3967, 46.0101

Tritanomaly

134.5280, -27.3753, 53.9109

Monochromacy



Original Color

128.5860, -58.9559, 56.4911

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.5130, -21.4519, 20.5981

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5860, -58.9559, 56.4911 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(193, 119, 9)` looks like.

```
.text, #text, p{  
    color:rgb(193, 119, 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(193, 119, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 119, 9) }
```

Border

The CSS property to change the border of an element to YUV 128.5860, -58.9559, 56.4911 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(193, 119, 9) }
```


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

```
.border{ border-color:rgb(193, 119, 9) }
```

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

Here you see how a box with a 4 pixel rgb(193, 119, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 119, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 119, 9);  
box-shadow:4px 4px 4px 4px rgb(193, 119,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 128.5860, -58.9559, 56.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 119, 9) }
```

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

```
.background{ background-color: rgb(193,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor