

Converting Colors

YUV(127.7920, -58.0715,
52.8024)

Have a look what the booklet for
YUV(127.7920, -58.0715, 52.8024)
contains.

YUV(127.7920, -58.0715, 52.8024)	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(127.7920, -58.0715,
52.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	BC780A
RGB	188, 120, 10
RGB Percent	74%, 47%, 4%
CMY	0.2627, 0.5294, 0.9608
CMYK	0.00, 0.36, 0.95, 0.26
HSL	37°, 90%, 39%
HSV	37°, 95%, 74%
XYZ	27.5103, 24.1462, 3.4979
YIQ	127.7920, 75.8380, -19.7940

Conversions

Conversions Part 2

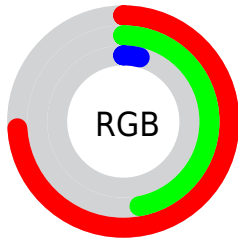
Format	Color
RYB	120, 188, 10
Decimal	12351498
CIELab	56.23, 19.39, 60.96
CIELCh	56, 63.971, 72.357
Yxy	24.1462, 0.4988, 0.4378
Android (android.graphics.Color)	4290541578 (0xFFBC780A)
YUV	127.7920, -58.0715, 52.8024
Hunter-Lab	49.1388, 13.9401, 30.1767

Details

The YUV color **127.7920, -58.0715, 52.8024** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **70.2080, 58.0715, -52.8024**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5090, -55.4669, 57.4356**, and **80.2480, -39.5623, 42.7555** is the 20% darker color. If you saturate the color by 10%, you get **124.3040, -61.2819, 55.8614**, and if you desaturate by 10%, it is **134.0670, -51.7980, 47.2992**.

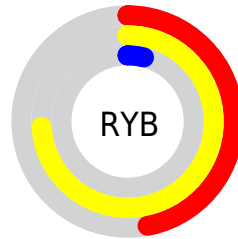
Distribution



Red (74%)

Green (47%)

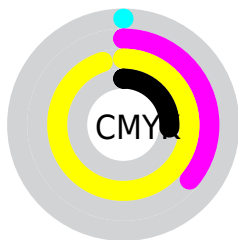
Blue (4%)



Red (47%)

Yellow (74%)

Blue (4%)

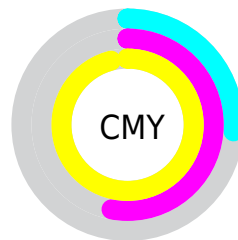


Cyan (0%)

Magenta (36%)

Yellow (95%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7920, -58.0715, 52.8024 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 127.7920, -58.0715, 52.8024 by changing the saturation by 10% instead.

■ 127.7920,
-58.0715, 52.8024

■ 127.7920,
-58.0715, 52.8024

■ 255.0000, 0.0000,
0.0000

■ 103.0070,
-50.7825, 48.2289

■ 183.5090,
-55.4669, 57.4356

■ 80.2480, -39.5623,
42.7555

■ 204.8170,
-52.6608, 44.0105

■ 58.6630, -28.9209,
36.2525

■ 224.3310,
-48.9702, 26.8967

■ 37.3770, -18.4269,
30.3644

■ 243.2580,
-44.9902, 10.2977

■ 17.2760, -8.5171,
25.1909

■ 246.4500,
-32.7599, 7.4983

■ 2.3920, -1.1793,
4.9182

■ 249.6420,

■ 0.0000, 0.0000,

-20.5295, 4.6990

0.0000

252.9480, -7.8624,
1.7996

127.7920,
-58.0715, 52.8024

127.7920,
-58.0715, 52.8024

124.3040,
-61.2819, 55.8614

134.0670,
-51.7980, 47.2992

140.3420,
-45.5246, 41.7961

147.0900,
-39.9774, 35.8781

153.3650,
-33.7039, 30.3749

159.6400,
-27.4305, 24.8717

■ 165.9150,
-21.1571, 19.3685

■ 172.1900,
-14.8837, 13.8654

■ 178.3510, -9.0470,
8.4622

■ 185.2130, -3.0630,
2.4442

Harmonies

Analogous

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



129.7980, -33.4244, 80.8612



127.7920, -58.0715, 52.8024



123.4530, -60.8623, 14.5117

Triad

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



127.7920, -58.0715, 52.8024



112.4050, 21.9853, -98.5792



138.4690, 39.2088, 24.1447

Complementary

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



127.7920, -58.0715, 52.8024



70.2080, 58.0715, -52.8024

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.



121.1250, 60.5774, -63.2536



127.7920, -58.0715, 52.8024



116.5720, 45.5670, -102.2336

Square

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



127.7920, -58.0715, 52.8024



104.0320, -2.4808, -91.2361



115.5240, 61.8597, -101.3145



133.8700, 17.8121, 73.7820

Rectangle

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



127.7920, -58.0715, 52.8024



120.0390, -46.3612, -16.6972



115.5240, 61.8597, -101.3145



137.0470, 45.8258, 1.7128

Sweetspot

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



127.7920, -58.0715, 52.8024



221.8720, -22.6149, 20.2833



70.9740, 3.4638, 102.6318



108.5210, -13.5679, 11.8211



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



127.7920, -58.0715, 52.8024



161.8920, -79.8128, 72.8857



161.4290, -74.6545, 4.8858



91.2130, -3.0630, 2.4442



104.7680, -51.6506, 46.6845



20.4220, -10.0680, 9.2769

Inverse Universe

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



70.2080, 58.0715, -52.8024



83.1080, 79.8128, -72.8857



36.5710, 74.6545, -4.8858



88.3740, 2.7736, -2.9590



53.2320, 51.6506, -46.6845



10.5780, 10.0680, -9.2769

Previews

White Background



This preview shows how the YUV color 127.7920, -58.0715, 52.8024 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 127.7920, -58.0715, 52.8024 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 127.7920, -58.0715, 52.8024

Background



This preview shows how black text looks on a background with the YUV color 127.7920, -58.0715, 52.8024.



This preview shows how white text looks on a background with the YUV color 127.7920, -58.0715,

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

127.7920, -58.0715, 52.8024

Protanopia

127.5170, -54.4849, 22.3486

Deuteranopia

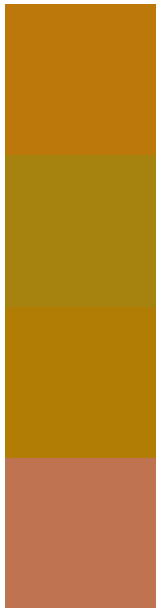
126.2650, -62.2486, 39.2326



Tritanopia

137.1310, -8.4456, 48.9971

Trichromacy



Original Color

127.7920, -58.0715, 52.8024

Protanomaly

127.5400, -55.9752, 33.7294

Deuteranomaly

126.7540, -60.5177, 44.0657

Tritanomaly

133.7340, -26.4909, 50.2223

Monochromacy



Original Color

127.7920, -58.0715, 52.8024

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9150, -21.1571, 19.3685

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7920, -58.0715, 52.8024 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(188, 120, 10)` looks like.

```
.text, #text, p{  
    color:rgb(188, 120, 10)  
}
```

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(188, 120, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 120, 10) }
```

Border

The CSS property to change the border of an element to YUV 127.7920, -58.0715, 52.8024 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(188, 120, 10) }
```


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

```
.border{ border-color:rgb(188, 120, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 120, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 120, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 120, 10);  
box-shadow:4px 4px 4px 4px rgb(188, 120,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 127.7920, -58.0715, 52.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 120, 10) }
```

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

```
.background{ background-color: rgb(188,  
120, 10) }
```

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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