

Converting Colors

YUV(119.8980, -58.6167,
87.7895)

Have a look what the booklet for
YUV(119.8980, -58.6167, 87.7895)
contains.

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Color

**YUV(119.8980, -58.6167,
87.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	DC5C01
RGB	220, 92, 1
RGB Percent	86%, 36%, 0%
CMY	0.1373, 0.6392, 0.9961
CMYK	0.00, 0.58, 1.00, 0.14
HSL	25°, 99%, 43%
HSV	25°, 100%, 86%
XYZ	33.3478, 22.8721, 2.6859
YIQ	119.8980, 105.4990, -1.1650

Conversions

Conversions Part 2

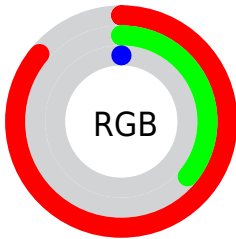
Format	Color
RYB	220, 157, 1
Decimal	14441473
CIELab	54.94, 46.87, 64.09
CIElCh	55, 79.403, 53.819
Yxy	22.8721, 0.5661, 0.3883
Android (android.graphics.Color)	4292631553 (0xFFDC5C01)
YUV	119.8980, -58.6167, 87.7895
Hunter-Lab	47.8248, 40.7731, 30.1476

Details

The YUV color **119.8980, -58.6167, 87.7895** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **101.1020, 58.6167, -87.7895**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3570, -51.4480, 75.1089**, and **69.2490, -34.1398, 76.9576** is the 20% darker color. If you saturate the color by 10%, you get **119.1970, -58.7641, 88.4042**, and if you desaturate by 10%, it is **130.0370, -52.7692, 78.8976**.

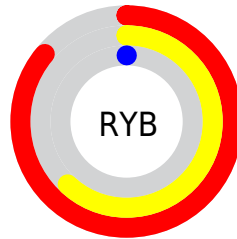
Distribution



Red (86%)

Green (36%)

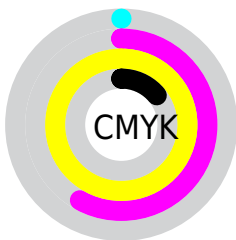
Blue (0%)



Red (86%)

Yellow (62%)

Blue (0%)

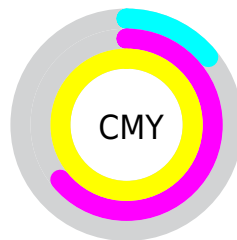


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8980, -58.6167, 87.7895 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 119.8980, -58.6167, 87.7895 by changing the saturation by 10% instead.

■ 119.8980,
-58.6167, 87.7895

■ 119.8980,
-58.6167, 87.7895

■ 255.0000, 0.0000,
0.0000

■ 94.9540, -46.8123,
81.6013

■ 169.3570,
-51.4480, 75.1089

■ 69.2490, -34.1398,
76.9576

■ 188.1700,
-47.9048, 58.6099

■ 38.2610, -18.8627,
76.9471

■ 207.5700,
-44.6510, 41.5961

■ 28.4050, -14.0037,
58.4038

■ 227.6710,
-41.2498, 23.9675

■ 19.7340, -9.7289,
40.5753

■ 245.5380,
-36.2542, 8.2982

■ 11.4760, -5.1647,
23.2615

■ 248.7300,

■ 0.0000, 0.0000,

-24.0239, 5.4988

0.0000

252.0360,
-11.3567, 2.5994

119.8980,
-58.6167, 87.7895

119.8980,
-58.6167, 87.7895

119.1970,
-58.7641, 88.4042

130.0370,
-52.7692, 78.8976

140.1760,
-46.9218, 70.0056

150.3150,
-41.0743, 61.1137

159.8670,
-34.9374, 52.7366

170.0060,
-29.0900, 43.8447

■ 180.1450,
-23.2425, 34.9528

■ 190.2840,
-17.3950, 26.0609

■ 200.4230,
-11.5475, 17.1690

■ 210.5620, -5.7001,
8.2771

Harmonies

Analogous

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



113.6110, -16.0772, 116.9822



119.8980, -58.6167, 87.7895



123.9170, -61.0911, 41.2918

Triad

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



119.8980, -58.6167, 87.7895



107.0300, 3.9292, -93.8653



125.5230, 63.8322, -33.7847

Complementary

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



119.8980, -58.6167, 87.7895



101.1020, 58.6167, -87.7895

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.



114.1850, 69.4218, -100.1402



119.8980, -58.6167, 87.7895



115.5970, 34.2157, -101.3786

Square

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



119.8980, -58.6167, 87.7895



95.5450, -27.3837, -83.7930



119.8610, 60.7075, -105.1181



131.7320, 40.5581, 58.1170

Rectangle

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



119.8980, -58.6167, 87.7895



119.8760, -59.0989, 8.8787



119.8610, 60.7075, -105.1181



105.3800, 73.7627, -92.4183

Sweetspot

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



119.8980, -58.6167, 87.7895



219.9210, -20.1741, 30.7643



81.4150, 24.9384, 121.5390



106.9070, -12.2792, 18.4986



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



119.8980, -58.6167, 87.7895



138.4670, -68.2642, 102.1994



182.1200, -89.2922, 33.2208



104.6370, -2.7790, 4.7034



93.9910, -46.3376, 69.2909



24.9070, -12.2792, 18.4986

Inverse Universe

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



101.1020, 58.6167, -87.7895



116.5330, 68.2642, -102.1994



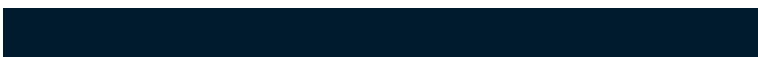
38.8800, 89.2922, -33.2208



103.7760, 3.0684, -4.1886



79.0090, 46.3376, -69.2909



21.0930, 12.2792, -18.4986

Previews

White Background



This preview shows how the YUV color 119.8980, -58.6167, 87.7895 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 119.8980, -58.6167, 87.7895 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 119.8980, -58.6167, 87.7895

Background



This preview shows how black text looks on a background with the YUV color 119.8980, -58.6167, 87.7895.



This preview shows how white text looks on a background with the YUV color 119.8980, -58.6167, 87.7895.

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

119.8980, -58.6167, 87.7895

Protanopia

124.4290, -50.9905, 21.5488

Deuteranopia

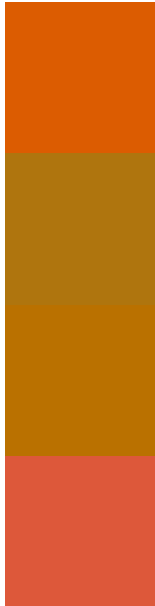
123.3080, -60.7908, 38.3179



Tritanopia

127.2340, -17.8634, 83.1098

Trichromacy



Original Color

119.8980, -58.6167, 87.7895

Protanomaly

122.6000, -53.5398, 45.9548

Deuteranomaly

121.9450, -60.1189, 56.1762

Tritanomaly

124.3470, -32.7091, 84.7647

Monochromacy



Original Color

119.8980, -58.6167, 87.7895

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9920, -21.1951, 31.5790

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8980, -58.6167, 87.7895 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(220, 92, 1)` looks like.

```
.text, #text, p{  
    color:rgb(220, 92, 1)  
}
```

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(220, 92, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 92, 1) }
```

Border

The CSS property to change the border of an element to YUV 119.8980, -58.6167, 87.7895 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(220, 92, 1) }
```


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

```
.border{ border-color:rgb(220, 92, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 92, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 92, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 92, 1);  
box-shadow:4px 4px 4px 4px rgb(220, 92, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 119.8980, -58.6167, 87.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 92, 1) }
```

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

```
.background{ background-color: rgb(220, 92,  
1) }
```

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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