

Converting Colors

YUV(119.5840, -45.6439,
80.1718)

Have a look what the booklet for
YUV(119.5840, -45.6439, 80.1718)
contains.

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Color

**YUV(119.5840, -45.6439,
80.1718)**

Conversions

Conversions Part 1

Format	Color
Hex	D35B1B
RGB	211, 91, 27
RGB Percent	83%, 36%, 11%
CMY	0.1725, 0.6431, 0.8941
CMYK	0.00, 0.57, 0.87, 0.17
HSL	21°, 77%, 47%
HSV	21°, 87%, 83%
XYZ	30.8029, 21.4102, 3.5460
YIQ	119.5840, 92.0640, 5.5360

Conversions

Conversions Part 2

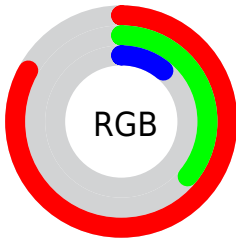
Format	Color
R_{YB}	211, 125, 27
Decimal	13851419
CIE _{Lab}	53.40, 44.32, 55.78
CIE _{LCh}	53, 71.245, 51.528
Yxy	21.4102, 0.5524, 0.3840
Android (android.graphics.Color)	4292041499 (0xFFD35B1B)
YUV	119.5840, -45.6439, 80.1718
Hunter-Lab	46.2711, 37.8537, 27.8461

Details

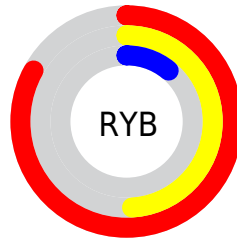
The YUV color **119.5840, -45.6439, 80.1718** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **118.4160, 45.6439, -80.1718**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6650, -45.1908, 74.8388**, and **66.8570, -32.9605, 72.0394** is the 20% darker color. If you saturate the color by 10%, you get **108.9720, -50.7652, 89.4786**, and if you desaturate by 10%, it is **130.1960, -40.5226, 70.8651**.

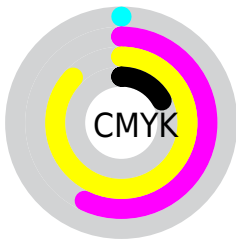
Distribution



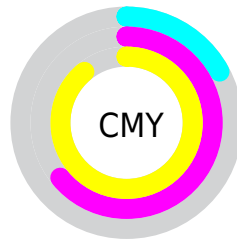
- Red (83%)
- Green (36%)
- Blue (11%)



- Red (83%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (87%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5840, -45.6439, 80.1718 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 119.5840, -45.6439, 80.1718 by changing the saturation by 10% instead.

■ 119.5840,
-45.6439, 80.1718

■ 119.5840,
-45.6439, 80.1718

■ 255.0000, 0.0000,
0.0000

■ 91.9750, -45.3437,
77.1979

■ 169.6650,
-45.1908, 74.8388

■ 66.8570, -32.9605,
72.0394

■ 189.0650,
-41.9370, 57.8250

■ 37.6300, -18.5516,
70.4845

■ 208.4650,
-38.6832, 40.8112

■ 26.3120, -12.9718,
54.1004

■ 227.9790,
-34.9926, 23.6974

■ 17.9400, -8.8444,
36.8866

■ 247.0200,
-30.5759, 6.9985

■ 8.7850, -3.8380,
17.7286

■ 250.2120,

■ 0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

119.5840,
-45.6439, 80.1718

119.5840,
-45.6439, 80.1718

108.9720,
-50.7652, 89.4786

130.1960,
-40.5226, 70.8651

105.9400,
-52.2284, 92.1376

140.8080,
-35.4013, 61.5584

150.8330,
-29.9907, 52.7665

161.4450,
-24.8694, 43.4597

172.0570,
-19.7481, 34.1530

■ 182.7830,
-14.1900, 24.7463

■ 192.8080, -8.7793,
15.9544

■ 203.4200, -3.6581,
6.6477

■ 214.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



115.3920, -13.9973, 103.1422



119.5840, -45.6439, 80.1718



120.0850, -59.2019, 42.0215

Triad

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



119.5840, -45.6439, 80.1718



102.5960, 2.1712, -89.9767



121.7740, 59.7644, -35.7588

Complementary

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



119.5840, -45.6439, 80.1718



118.4160, 45.6439, -80.1718

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.



110.6800, 68.6848, -97.0664



119.5840, -45.6439, 80.1718



110.4790, 29.8369, -96.8901

Square

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



119.5840, -45.6439, 80.1718



91.7780, -24.0476, -80.4893



114.0590, 53.7079, -100.0297



129.7430, 37.1017, 46.7064

Rectangle

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



119.5840, -45.6439, 80.1718



116.9520, -57.6573, 13.1971



114.0590, 53.7079, -100.0297



102.9350, 72.0100, -90.2740

Sweetspot

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



119.5840, -45.6439, 80.1718



222.2350, -16.3849, 28.7349



96.0380, 26.6033, 100.8217



108.1780, -9.9478, 17.3839



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.



119.5840, -45.6439, 80.1718



128.4880, -63.3446, 110.9510



171.8270, -71.3997, 34.3547



99.6370, -2.7790, 4.7034



84.8650, -41.8384, 72.9094



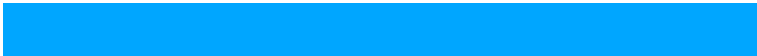
20.4770, -10.0952, 17.9987

Inverse Universe

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



118.4160, 45.6439, -80.1718



126.5120, 63.3446, -110.9510



66.1730, 71.3997, -34.3547



99.3630, 2.7790, -4.7034



83.7220, 41.5491, -73.4242



20.5230, 10.0952, -17.9987

Previews

White Background



This preview shows how the YUV color 119.5840, -45.6439, 80.1718 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 119.5840, -45.6439, 80.1718 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 119.5840, -45.6439, 80.1718

Background



This preview shows how black text looks on a background with the YUV color 119.5840, -45.6439, 80.1718.



This preview shows how white text looks on a background with the YUV color 119.5840, -45.6439, 80.1718.

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

119.5840, -45.6439, 80.1718

Protanopia

122.2960, -42.5439, 19.0344

Deuteranopia

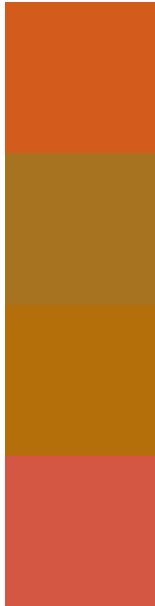
119.4650, -58.8962, 37.3032



Tritanopia

123.8420, -16.6841, 78.1916

Trichromacy



Original Color

119.5840, -45.6439, 80.1718

Protanomaly

121.4990, -43.6300, 40.7814

Deuteranomaly

119.5300, -53.9983, 53.0322

Tritanomaly

122.0950, -27.1618, 78.8467

Monochromacy



Original Color

119.5840, -45.6439, 80.1718

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.5340, -16.5323, 29.3497

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5840, -45.6439, 80.1718 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(211, 91, 27)` looks like.

```
.text, #text, p{  
    color:rgb(211, 91, 27)  
}
```

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(211, 91, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 91, 27) }
```

Border

The CSS property to change the border of an element to YUV 119.5840, -45.6439, 80.1718 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(211, 91, 27) }
```


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

```
.border{ border-color:rgb(211, 91, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 91, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 91, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 91, 27);  
box-shadow:4px 4px 4px 4px rgb(211, 91,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 119.5840, -45.6439, 80.1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 91, 27) }
```

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

```
.background{ background-color: rgb(211, 91,  
27) }
```

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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