

Converting Colors

YUV(119.4220, -53.4520,
64.5279)

Have a look what the booklet for
YUV(119.4220, -53.4520, 64.5279)
contains.

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Color

**YUV(119.4220, -53.4520,
64.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	C1670B
RGB	193, 103, 11
RGB Percent	76%, 40%, 4%
CMY	0.2431, 0.5961, 0.9569
CMYK	0.00, 0.47, 0.94, 0.24
HSL	30°, 89%, 40%
HSV	30°, 94%, 76%
XYZ	26.9030, 21.0621, 2.9641
YIQ	119.4220, 83.1720, -9.5320

Conversions

Conversions Part 2

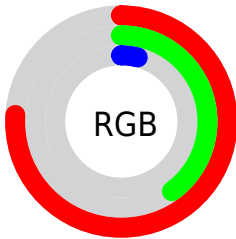
Format	Color
R_{YB}	189, 193, 11
Decimal	12674827
CIE Lab	53.02, 30.80, 58.83
CIE LCh	53, 66.406, 62.366
Yxy	21.0621, 0.5282, 0.4136
Android (android.graphics.Color)	4290864907 (0xFFC1670B)
YUV	119.4220, -53.4520, 64.5279
Hunter-Lab	45.8935, 24.3239, 28.2962

Details

The YUV color **119.4220, -53.4520, 64.5279** 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 **84.5780, 53.4520, -64.5279**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0960, -52.3053, 70.0758**, and **71.4650, -35.2322, 53.9662** is the 20% darker color. If you saturate the color by 10%, you get **115.2330, -56.8099, 68.2017**, and if you desaturate by 10%, it is **127.4580, -48.0468, 57.4803**.

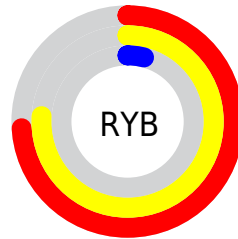
Distribution



Red (76%)

Green (40%)

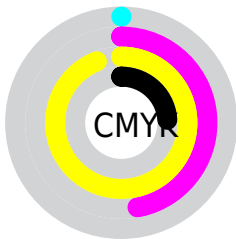
Blue (4%)



Red (74%)

Yellow (76%)

Blue (4%)

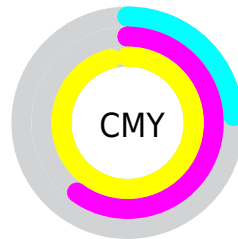


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (24%)



Cyan (24%)


Magenta (60%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.4220, -53.4520, 64.5279 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 119.4220, -53.4520, 64.5279 by changing the saturation by 10% instead.


 119.4220,
-53.4520, 64.5279


 119.4220,
-53.4520, 64.5279


255.0000, 0.0000,
0.0000


 94.2240, -46.4524,
59.4396


 175.0960,
-52.3053, 70.0758


 71.4650, -35.2322,
53.9662


 193.9090,
-48.7621, 53.5768

 48.9940, -24.1540,
47.3633


 213.4230,
-45.0715, 36.4630

 25.0610, -12.3551,
42.9195

 232.9370,
-41.3809, 19.3493

 14.6510, -7.2229,
30.1241

 245.9940,
-34.5070, 7.8983

 0.5980, -0.2948,
1.2296

 249.1860,

 0.0000, 0.0000,

-22.2767, 5.0989

0.0000

252.4920, -9.6096,
2.1995

119.4220,
-53.4520, 64.5279

119.4220,
-53.4520, 64.5279

115.2330,
-56.8099, 68.2017

127.4580,
-48.0468, 57.4803

135.0210,
-41.9154, 50.8476

143.0570,
-36.5101, 43.8000

150.5060,
-30.8155, 37.2672

158.5420,
-25.4102, 30.2197

■ 166.1050,
-19.2788, 23.5869

■ 174.1410,
-13.8735, 16.5393

■ 181.5900, -8.1789,
10.0066

■ 189.7400, -2.3368,
2.8590

Harmonies

Analogous

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



118.5570, -24.4316, 89.8425



119.4220, -53.4520, 64.5279



118.2140, -58.2795, 26.1223

Triad

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



119.4220, -53.4520, 64.5279



104.0440, 12.7963, -91.2466



128.3890, 47.1362, 1.4128

Complementary

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



119.4220, -53.4520, 64.5279



84.5780, 53.4520, -64.5279

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.



105.0720, 67.5055, -92.1481



119.4220, -53.4520, 64.5279



110.5420, 37.6938, -96.9453

Square

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



119.4220, -53.4520, 64.5279



95.4430, -12.5434, -83.7035



111.6940, 57.3389, -97.9556



126.7960, 26.7226, 62.4459

Rectangle

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



119.4220, -53.4520, 64.5279



113.0210, -55.7194, -1.7724



111.6940, 57.3389, -97.9556



123.3360, 54.0644, -27.4817

Sweetspot

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



119.4220, -53.4520, 64.5279



221.4750, -20.4472, 25.0164



75.7920, 12.9205, 102.7914



107.7710, -12.7051, 15.1098



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.



119.4220, -53.4520, 64.5279



148.7120, -73.3150, 88.8296



172.2520, -79.4972, 18.1960



92.9250, -2.9210, 3.5738



95.6860, -47.1732, 57.2804



19.8460, -9.7841, 11.5361

Inverse Universe

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



84.5780, 53.4520, -64.5279



101.2880, 73.3150, -88.8296



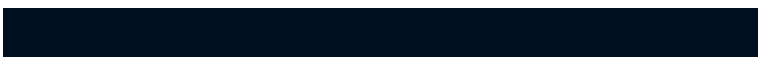
31.7480, 79.4972, -18.1960



91.0750, 2.9210, -3.5738



64.7270, 47.4626, -56.7656



13.1540, 9.7841, -11.5361

Previews

White Background



This preview shows how the YUV color 119.4220, -53.4520, 64.5279 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 119.4220, -53.4520, 64.5279 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 119.4220, -53.4520, 64.5279

Background



This preview shows how black text looks on a background with the YUV color 119.4220, -53.4520, 64.5279.



This preview shows how white text looks on a background with the YUV color 119.4220, -53.4520,

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

119.4220, -53.4520, 64.5279

Protanopia

120.1730, -49.3853, 20.0193

Deuteranopia

119.1660, -58.7488, 36.6884



Tritanopia

126.6980, -11.6831, 60.7779

Trichromacy



Original Color

119.4220, -53.4520, 64.5279

Protanomaly

119.9300, -50.7445, 36.0184

Deuteranomaly

119.1010, -56.7448, 47.2694

Tritanomaly

124.3980, -26.8182, 61.9180

Monochromacy



Original Color

119.4220, -53.4520, 64.5279

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1050, -19.2788, 23.5869

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4220, -53.4520, 64.5279 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, 103, 11)` looks like.

```
.text, #text, p{  
    color:rgb(193, 103, 11)  
}
```

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, 103, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 103, 11) }
```

Border

The CSS property to change the border of an element to YUV 119.4220, -53.4520, 64.5279 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, 103, 11) }
```


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

```
.border{ border-color:rgb(193, 103, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 103, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 103, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 103, 11);  
box-shadow:4px 4px 4px 4px rgb(193, 103,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 119.4220, -53.4520, 64.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 103, 11) }
```

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

```
.background{ background-color: rgb(193,  
103, 11) }
```

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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