

Converting Colors

YUV(116.7540, -53.6157,
70.3757)

Have a look what the booklet for
YUV(116.7540, -53.6157, 70.3757)
contains.

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Color

**YUV(116.7540, -53.6157,
70.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	C56108
RGB	197, 97, 8
RGB Percent	77%, 38%, 3%
CMY	0.2275, 0.6196, 0.9686
CMYK	0.00, 0.51, 0.96, 0.23
HSL	28°, 92%, 40%
HSV	28°, 96%, 77%
XYZ	27.3445, 20.4372, 2.7333
YIQ	116.7540, 88.1690, -6.4790

Conversions

Conversions Part 2

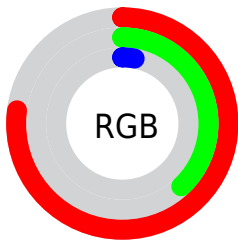
Format	Color
R_{YB}	197, 176, 8
Decimal	12935432
CIE Lab	52.33, 35.56, 59.25
CIE LCh	52, 69.098, 59.029
Yxy	20.4372, 0.5413, 0.4046
Android (android.graphics.Color)	4291125512 (0xFFC56108)
YUV	116.7540, -53.6157, 70.3757
Hunter-Lab	45.2076, 28.8552, 28.0606

Details

The YUV color **116.7540, -53.6157, 70.3757** 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 **88.2460, 53.6157, -70.3757**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3460, -51.4426, 73.3646**, and **68.2530, -33.6487, 59.4141** is the 20% darker color. If you saturate the color by 10%, you get **113.4940, -55.9525, 73.2348**, and if you desaturate by 10%, it is **124.9040, -47.7737, 63.2282**.

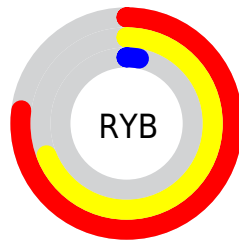
Distribution



Red (77%)

Green (38%)

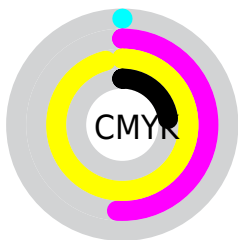
Blue (3%)



Red (77%)

Yellow (69%)

Blue (3%)

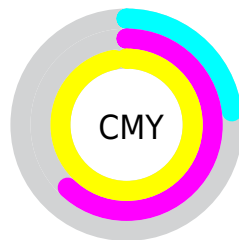


Cyan (0%)

Magenta (51%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (62%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7540, -53.6157, 70.3757 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 116.7540, -53.6157, 70.3757 by changing the saturation by 10% instead.

■ 116.7540,
-53.6157, 70.3757

■ 116.7540,
-53.6157, 70.3757

■ 255.0000, 0.0000,
0.0000

■ 91.8980, -45.3057,
64.9875

■ 171.3460,
-51.4426, 73.3646

■ 68.2530, -33.6487,
59.4141

■ 190.1590,
-47.8994, 56.8656

■ 44.6080, -21.9917,
53.8408

■ 209.5590,
-44.6456, 39.8518

■ 23.0230, -11.3503,
47.3378

■ 229.6600,
-41.2444, 22.2232

■ 15.2490, -7.5178,
31.3536

■ 245.7660,
-35.3806, 8.0982


■ 1.7940, -0.8844,
3.6887


■ 248.9580,


■ 0.0000, 0.0000,


-23.1503, 5.2988

0.0000


 252.1500,
-10.9200, 2.4994


 116.7540,
-53.6157, 70.3757

 116.7540,
-53.6157, 70.3757


 113.4940,
-55.9525, 73.2348

 124.9040,
-47.7737, 63.2282

 133.5270,
-42.6578, 55.6658

 141.6770,
-36.8158, 48.5183

 150.4140,
-31.2631, 40.8559

 158.5640,
-25.4211, 33.7084

■ 167.1870,
-20.3052, 26.1460

■ 175.3370,
-14.4631, 18.9985

■ 183.4870, -8.6211,
11.8509

■ 192.1100, -3.5052,
4.2885

Harmonies

Analogous

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



114.9860, -21.6851, 95.6053



116.7540, -53.6157, 70.3757



117.0620, -57.7116, 30.6406

Triad

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



116.7540, -53.6157, 70.3757



102.4310, 9.1545, -89.8320



125.1750, 51.6787, -8.9235

Complementary

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



116.7540, -53.6157, 70.3757



88.2460, 53.6157, -70.3757

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.



105.8870, 68.0897, -92.8629



116.7540, -53.6157, 70.3757



109.2710, 35.3624, -95.8307

Square

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



116.7540, -53.6157, 70.3757



93.0150, -16.7694, -81.5742



111.4660, 56.4653, -97.7557



125.3980, 30.3698, 59.2870

Rectangle

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



116.7540, -53.6157, 70.3757



112.4560, -55.4408, 2.2311



111.4660, 56.4653, -97.7557



116.7190, 59.7915, -44.4806

Sweetspot

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



116.7540, -53.6157, 70.3757



223.6710, -21.0368, 27.4755



76.0250, 16.2567, 106.0951



108.7820, -12.7105, 16.8542



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.



116.7540, -53.6157, 70.3757



146.6850, -72.3157, 94.9923



171.9320, -80.8185, 21.9846



95.0390, -2.4842, 3.4738



93.9360, -46.3104, 60.5691



20.7430, -10.2263, 13.3804

Inverse Universe

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



88.2460, 53.6157, -70.3757



108.3150, 72.3157, -94.9923



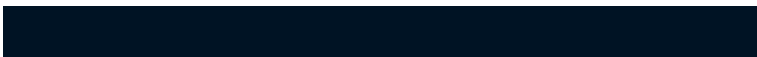
33.0680, 80.8185, -21.9846



93.9610, 2.4842, -3.4738



69.0640, 46.3104, -60.5691



15.2570, 10.2263, -13.3804

Previews

White Background



This preview shows how the YUV color 116.7540, -53.6157, 70.3757 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 116.7540, -53.6157, 70.3757 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 116.7540, -53.6157, 70.3757

Background



This preview shows how black text looks on a background with the YUV color 116.7540, -53.6157, 70.3757.



This preview shows how white text looks on a background with the YUV color 116.7540, -53.6157, 70.3757.

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

116.7540, -53.6157, 70.3757

Protanopia

118.2870, -48.9485, 19.9193

Deuteranopia

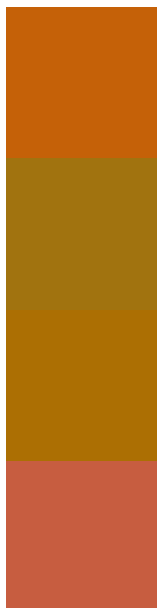
117.0950, -57.7278, 35.8737



Tritanopia

123.5740, -13.5940, 67.0256

Trichromacy



Original Color

116.7540, -53.6157, 70.3757

Protanomaly

117.3540, -50.4605, 38.2775

Deuteranomaly

116.9270, -56.1660, 48.2990

Tritanomaly

121.3880, -28.2923, 68.0657

Monochromacy



Original Color

116.7540, -53.6157, 70.3757

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0020, -19.7210, 25.4312

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7540, -53.6157, 70.3757 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(197, 97, 8)` looks like.

```
.text, #text, p{  
    color:rgb(197, 97, 8)  
}
```

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(197, 97, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 97, 8) }
```

Border

The CSS property to change the border of an element to YUV 116.7540, -53.6157, 70.3757 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(197, 97, 8) }
```


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

```
.border{ border-color:rgb(197, 97, 8) }
```

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

Here you see how a box with a 4 pixel rgb(197, 97, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 97, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 97, 8);  
box-shadow:4px 4px 4px 4px rgb(197, 97, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 116.7540, -53.6157, 70.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 97, 8) }
```

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

```
.background{ background-color: rgb(197, 97,  
8) }
```

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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