

Converting Colors

YUV(127.3300, -53.8997,
68.1166)

Have a look what the booklet for
YUV(127.3300, -53.8997, 68.1166)
contains.

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Color

**YUV(127.3300, -53.8997,
68.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6D12
RGB	205, 109, 18
RGB Percent	80%, 43%, 7%
CMY	0.1961, 0.5725, 0.9294
CMYK	0.00, 0.47, 0.91, 0.20
HSL	29°, 84%, 44%
HSV	29°, 91%, 80%
XYZ	30.7547, 23.9601, 3.5761
YIQ	127.3300, 86.4270, -7.9490

Conversions

Conversions Part 2

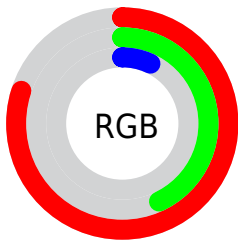
Format	Color
R _Y B	205, 195, 18
Decimal	13462802
CIE Lab	56.05, 32.71, 60.17
CIE LCh	56, 68.489, 61.469
Yxy	23.9601, 0.5276, 0.4110
Android (android.graphics.Color)	4291652882 (0xFFCD6D12)
YUV	127.3300, -53.8997, 68.1166
Hunter-Lab	48.9490, 26.4906, 29.9328

Details

The YUV color **127.3300, -53.8997, 68.1166** 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 **95.6700, 53.8997, -68.1166**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7750, -52.1471, 65.9723**, and **77.6890, -38.3007, 58.1547** is the 20% darker color. If you saturate the color by 10%, you get **119.9950, -59.1575, 74.5494**, and if you desaturate by 10%, it is **136.1810, -47.9102, 60.3543**.

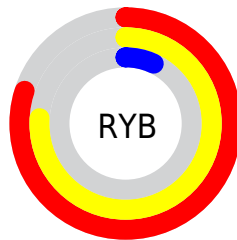
Distribution



Red (80%)

Green (43%)

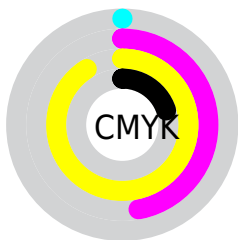
Blue (7%)



Red (80%)

Yellow (76%)

Blue (7%)

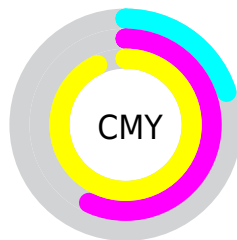


Cyan (0%)

Magenta (47%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (57%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3300, -53.8997, 68.1166 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 127.3300, -53.8997, 68.1166 by changing the saturation by 10% instead.

■ 127.3300,
-53.8997, 68.1166

■ 127.3300,
-53.8997, 68.1166

■ 255.0000, 0.0000,
0.0000

■ 101.3340,
-49.9577, 63.7281

■ 179.7750,
-52.1471, 65.9723

■ 77.6890, -38.3007,
58.1547

■ 198.7020,
-48.1671, 49.3733

■ 54.6310, -26.9331,
52.0666

■ 218.1020,
-44.9133, 32.3595

■ 30.6980, -15.1341,
47.6229

■ 238.2030,
-41.5121, 14.7310

■ 17.0430, -8.4022,
35.0423

■ 246.6780,
-31.8863, 7.2984

■ 8.7850, -3.8380,
17.7286

■ 249.8700,

■ 0.0000, 0.0000,

-19.6559, 4.4990

0.0000

253.1760, -6.9888,
1.5996

127.3300,
-53.8997, 68.1166

127.3300,
-53.8997, 68.1166

119.9950,
-59.1575, 74.5494

136.1810,
-47.9102, 60.3543

144.3310,
-42.0682, 53.2067

153.1820,
-36.0787, 45.4444

161.3320,
-30.2367, 38.2968

170.1830,
-24.2472, 30.5345

■ 178.3330,
-18.4052, 23.3870

■ 187.1840,
-12.4157, 15.6246

■ 195.3340, -6.5737,
8.4771

■ 204.1850, -0.5842,
0.7148

Harmonies

Analogous

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



126.1770, -24.7373, 94.5608



127.3300, -53.8997, 68.1166



125.6120, -61.9267, 29.2813

Triad

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



127.3300, -53.8997, 68.1166



110.0110, 12.8126, -96.4796



136.0620, 49.7624, -0.9314

Complementary

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



127.3300, -53.8997, 68.1166



95.6700, 53.8997, -68.1166

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.



111.7230, 70.1426, -97.9811



127.3300, -53.8997, 68.1166



116.7370, 38.5837, -102.3783

Square

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



127.3300, -53.8997, 68.1166



100.5950, -13.1113, -88.2218



118.2310, 59.5391, -103.6886



134.8500, 28.1750, 63.2756

Rectangle

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



127.3300, -53.8997, 68.1166



120.7070, -59.5086, 0.2570



118.2310, 59.5391, -103.6886



130.1120, 57.1328, -31.6702

Sweetspot

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



127.3300, -53.8997, 68.1166



226.5890, -20.0104, 24.9164



84.9710, 14.8043, 105.2654



110.9990, -11.8315, 14.9099



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.



127.3300, -53.8997, 68.1166



149.0330, -73.4733, 92.9331



181.9210, -80.8131, 20.2403



97.9250, -2.9210, 3.5738



97.1810, -47.9102, 60.3543



22.5150, -11.0999, 13.5803

Inverse Universe

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



95.6700, 53.8997, -68.1166



105.9670, 73.4733, -92.9331



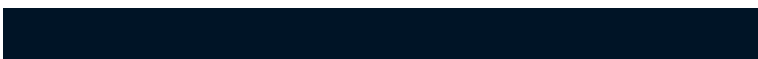
41.0790, 80.8131, -20.2403



96.0750, 2.9210, -3.5738



68.8190, 47.9102, -60.3543



16.0720, 10.8105, -14.0951

Previews

White Background



This preview shows how the YUV color 127.3300, -53.8997, 68.1166 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 127.3300, -53.8997, 68.1166 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 127.3300, -53.8997, 68.1166

Background



This preview shows how black text looks on a background with the YUV color 127.3300, -53.8997, 68.1166.



This preview shows how white text looks on a background with the YUV color 127.3300, -53.8997, 68.1166.

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

127.3300, -53.8997, 68.1166

Protanopia

127.6570, -50.1169, 21.3488

Deuteranopia

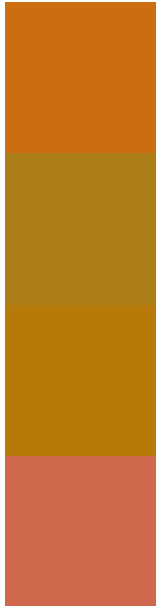
126.2650, -62.2486, 39.2326



Tritanopia

133.9050, -12.2782, 64.9813

Trichromacy



Original Color

127.3300, -53.8997, 68.1166

Protanomaly

127.7130, -51.6235, 37.9627

Deuteranomaly

126.5420, -58.9342, 49.5137

Tritanomaly

131.6050, -27.4133, 66.1214

Monochromacy



Original Color

127.3300, -53.8997, 68.1166

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7030, -19.5736, 24.8165

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3300, -53.8997, 68.1166 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(205, 109, 18)` looks like.

```
.text, #text, p{  
    color:rgb(205, 109, 18)  
}
```

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(205, 109, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 109, 18) }
```

Border

The CSS property to change the border of an element to YUV 127.3300, -53.8997, 68.1166 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(205, 109, 18) }
```


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

```
.border{ border-color:rgb(205, 109, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 109, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 109, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 109, 18);  
box-shadow:4px 4px 4px 4px rgb(205, 109,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 127.3300, -53.8997, 68.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 109, 18) }
```

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

```
.background{ background-color: rgb(205,  
109, 18) }
```

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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