

Converting Colors

YUV(122.8300, -55.6252,
61.5391)

Have a look what the booklet for
YUV(122.8300, -55.6252, 61.5391)
contains.

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Color

**YUV(122.8300, -55.6252,
61.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	C16D0A
RGB	193, 109, 10
RGB Percent	76%, 43%, 4%
CMY	0.2431, 0.5725, 0.9608
CMYK	0.00, 0.44, 0.95, 0.24
HSL	32°, 90%, 40%
HSV	32°, 95%, 76%
XYZ	27.5157, 22.2966, 3.1406
YIQ	122.8300, 81.8430, -12.9810

Conversions

Conversions Part 2

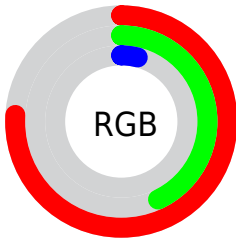
Format	Color
R_{YB}	165, 193, 10
Decimal	12676362
CIE _{Lab}	54.34, 27.57, 59.94
CIE _{LCh}	54, 65.978, 65.298
Yxy	22.2966, 0.5196, 0.4211
Android (android.graphics.Color)	4290866442 (0xFFC16D0A)
YUV	122.8300, -55.6252, 61.5391
Hunter-Lab	47.2193, 21.3821, 29.1101

Details

The YUV color **122.8300, -55.6252, 61.5391** 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 **80.1700, 55.6252, -61.5391**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7320, -53.6049, 66.8870**, and **74.9870, -36.9686, 50.8774** is the 20% darker color. If you saturate the color by 10%, you get **118.7550, -58.5462, 65.1129**, and if you desaturate by 10%, it is **130.2790, -49.9305, 55.0063**.

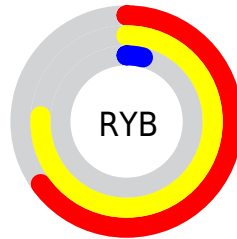
Distribution



Red (76%)

Green (43%)

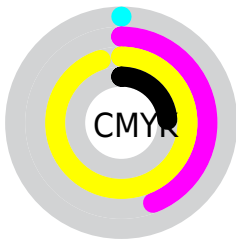
Blue (4%)



Red (65%)

Yellow (76%)

Blue (4%)

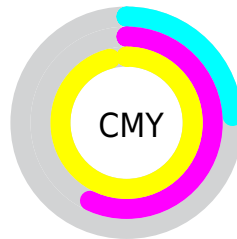


Cyan (0%)

Magenta (44%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (57%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8300, -55.6252, 61.5391 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 122.8300, -55.6252, 61.5391 by changing the saturation by 10% instead.

■ 122.8300,
-55.6252, 61.5391

■ 122.8300,
-55.6252, 61.5391

■ 255.0000, 0.0000,
0.0000

■ 98.0450, -48.3362,
56.9655

■ 178.7320,
-53.6049, 66.8870

■ 74.9870, -36.9686,
50.8774

■ 197.5450,
-50.0617, 50.3880

■ 52.5160, -25.8904,
44.2745

■ 217.0590,
-46.3711, 33.2743

■ 30.6430, -15.1070,
38.9011

■ 237.1600,
-42.9699, 15.6457

■ 14.6510, -7.2229,
30.1241

■ 246.1080,
-34.0702, 7.7983

■ 2.3920, -1.1793,
4.9182

■ 249.3000,

■ 0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.6060, -9.1728,
2.0995

122.8300,
-55.6252, 61.5391

122.8300,
-55.6252, 61.5391

118.7550,
-58.5462, 65.1129

130.2790,
-49.9305, 55.0063

137.8420,
-43.7991, 48.3736

145.2910,
-38.1045, 41.8408

152.1530,
-32.1204, 35.8228

159.6020,
-26.4258, 29.2900

■ 167.1650,
-20.2943, 22.6573

■ 174.6140,
-14.5997, 16.1245

■ 182.0630, -8.9051,
9.5917

■ 189.6260, -2.7736,
2.9590

Harmonies

Analogous

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



123.0360, -27.6257, 87.6684



122.8300, -55.6252, 61.5391



120.8500, -59.5790, 22.9336

Triad

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



122.8300, -55.6252, 61.5391



107.4180, 15.5699, -94.2056



132.5640, 45.0779, 8.2754

Complementary

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



122.8300, -55.6252, 61.5391



80.1700, 55.6252, -61.5391

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.



106.4740, 67.8003, -93.3777



122.8300, -55.6252, 61.5391



113.2150, 40.3200, -99.2896

Square

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



122.8300, -55.6252, 61.5391



98.8170, -9.7698, -86.6625



113.5520, 59.3809, -99.5851



129.8350, 24.2383, 65.9197

Rectangle

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



122.8300, -55.6252, 61.5391



115.3580, -56.8715, -5.5760



113.5520, 59.3809, -99.5851



129.1200, 51.7058, -17.6452

Sweetspot

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



122.8300, -55.6252, 61.5391



223.2360, -21.3153, 23.4720



74.4070, 10.1523, 104.0061



108.3580, -12.9945, 14.5950



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.



122.8300, -55.6252, 61.5391



153.9950, -75.9195, 84.1964



170.3440, -79.0496, 14.6073



92.9250, -2.9210, 3.5738



99.2080, -48.9095, 54.1916



20.4330, -10.0735, 11.0213

Inverse Universe

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



80.1700, 55.6252, -61.5391



96.0050, 75.9195, -84.1964



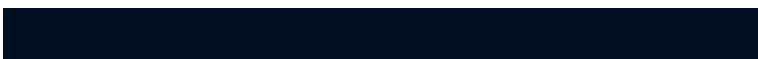
32.6560, 79.0496, -14.6073



91.0750, 2.9210, -3.5738



61.7920, 48.9095, -54.1916



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 122.8300, -55.6252, 61.5391 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 122.8300, -55.6252, 61.5391 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 122.8300, -55.6252, 61.5391 Background



This preview shows how black text looks on a background with the YUV color 122.8300, -55.6252, 61.5391.



This preview shows how white text looks on a background with the YUV color 122.8300, -55.6252, 61.5391.

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

122.8300, -55.6252, 61.5391

Protanopia

122.9020, -51.7167, 21.1339

Deuteranopia

122.1230, -60.2066, 37.6031



Tritanopia

130.6160, -10.6567, 58.2188

Trichromacy



Original Color

122.8300, -55.6252, 61.5391

Protanomaly

122.9470, -53.2179, 36.0035

Deuteranomaly

122.6340, -58.4866, 45.9250

Tritanomaly

127.9740, -27.1022, 59.6588

Monochromacy



Original Color

122.8300, -55.6252, 61.5391

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8660, -20.1469, 22.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8300, -55.6252, 61.5391 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, 109, 10)` looks like.

```
.text, #text, p{  
    color:rgb(193, 109, 10)  
}
```

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, 109, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 109, 10) }
```

Border

The CSS property to change the border of an element to YUV 122.8300, -55.6252, 61.5391 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, 109, 10) }
```


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

```
.border{ border-color:rgb(193, 109, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 109, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 109, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 109, 10);  
box-shadow:4px 4px 4px 4px rgb(193, 109,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 122.8300, -55.6252, 61.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 109, 10) }
```

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

```
.background{ background-color: rgb(193,  
109, 10) }
```

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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