

Converting Colors

YUV(123.4580, -44.5958,
70.6353)

Have a look what the booklet for
YUV(123.4580, -44.5958, 70.6353)
contains.

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Color

**YUV(123.4580, -44.5958,
70.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6421
RGB	204, 100, 33
RGB Percent	80%, 39%, 13%
CMY	0.2000, 0.6078, 0.8706
CMYK	0.00, 0.51, 0.84, 0.20
HSL	24°, 72%, 46%
HSV	24°, 84%, 80%
XYZ	29.7335, 22.0615, 4.1300
YIQ	123.4580, 83.4910, 1.2110

Conversions

Conversions Part 2

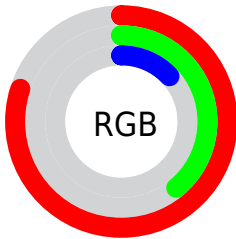
Format	Color
RYB	204, 143, 33
Decimal	13394977
CIELab	54.09, 37.30, 53.65
CIElCh	54, 65.342, 55.191
Yxy	22.0615, 0.5317, 0.3945
Android (android.graphics.Color)	4291585057 (0xFFCC6421)
YUV	123.4580, -44.5958, 70.6353
Hunter-Lab	46.9697, 30.8000, 27.6655

Details

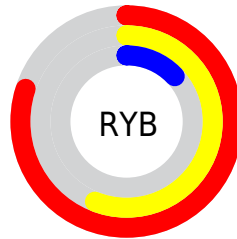
The YUV color **123.4580, -44.5958, 70.6353** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **113.5420, 44.5958, -70.6353**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6320, -45.1746, 69.6057**, and **72.1070, -35.5488, 62.1732** is the 20% darker color. If you saturate the color by 10%, you get **114.1340, -49.8591, 78.8125**, and if you desaturate by 10%, it is **132.7820, -39.3325, 62.4582**.

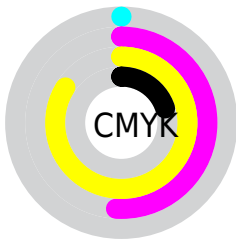
Distribution



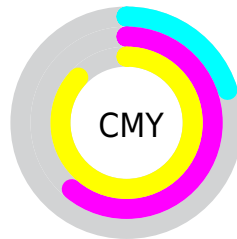
- Red (80%)
- Green (39%)
- Blue (13%)



- Red (80%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (61%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.4580, -44.5958, 70.6353 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 123.4580, -44.5958, 70.6353 by changing the saturation by 10% instead.


 123.4580,
-44.5958, 70.6353


 123.4580,
-44.5958, 70.6353


255.0000, 0.0000,
0.0000


 95.9800, -46.3321,
67.5465


 175.6320,
-45.1746, 69.6057


 72.1070, -35.5488,
62.1732


 194.4450,
-41.6314, 53.1067


 47.8750, -23.6024,
57.1146


 213.8450,
-38.3776, 36.0929

 25.1160, -12.3822,
51.6413

 233.3590,
-34.6870, 18.9792

 16.7440, -8.2548,
34.4275

 247.5900,
-28.3919, 6.4986

 7.2900, -3.1010,
14.6547

 250.8960,

 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

123.4580,
-44.5958, 70.6353

123.4580,
-44.5958, 70.6353

114.1340,
-49.8591, 78.8125

132.7820,
-39.3325, 62.4582

107.9560,
-53.2223, 84.2306


142.8070,
-33.9219, 53.6663


152.1310,
-28.6586, 45.4891


162.1560,
-23.2479, 36.6972

171.4800,
-17.9846, 28.5200

 180.8040,
-12.7214, 20.3429

 190.8290, -7.3107,
11.5510

 200.1530, -2.0474,
3.3738

 210.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



121.5880, -18.0379, 92.4463



123.4580, -44.5958, 70.6353



121.5250, -59.9118, 36.3736

Triad

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



123.4580, -44.5958, 70.6353



103.8500, 6.9760, -91.0764



128.0060, 51.2690, -17.5453

Complementary

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



123.4580, -44.5958, 70.6353



113.5420, 44.5958, -70.6353

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.



109.1810, 65.4798, -95.7517



123.4580, -44.5958, 70.6353



111.0490, 32.0208, -97.3900

Square

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



123.4580, -44.5958, 70.6353



94.8900, -17.2008, -83.2185



113.3580, 53.5605, -99.4150



131.8590, 31.1285, 49.2357

Rectangle

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



123.4580, -44.5958, 70.6353



118.4030, -58.3727, 9.2936



113.3580, 53.5605, -99.4150



118.2510, 59.5293, -53.7171

Sweetspot

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



123.4580, -44.5958, 70.6353



224.8110, -16.6688, 26.4758



96.0990, 20.6572, 94.6292



109.4660, -10.0897, 16.2543



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.



123.4580, -44.5958, 70.6353



134.9450, -66.5279, 105.2882



172.7660, -68.9046, 27.3922



97.3380, -2.6316, 4.0886



87.7890, -43.2800, 68.5910



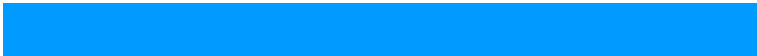
20.1670, -9.9423, 15.6395

Inverse Universe

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



113.5420, 44.5958, -70.6353



120.0550, 66.5279, -105.2882



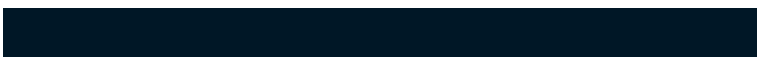
64.2340, 68.9046, -27.3922



96.6620, 2.6316, -4.0886



78.2110, 43.2800, -68.5910



17.8330, 9.9423, -15.6395

Previews

White Background



This preview shows how the YUV color 123.4580, -44.5958, 70.6353 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 123.4580, -44.5958, 70.6353 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 123.4580, -44.5958, 70.6353

Background



This preview shows how black text looks on a background with the YUV color 123.4580, -44.5958, 70.6353.



This preview shows how white text looks on a background with the YUV color 123.4580, -44.5958,

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

123.4580, -44.5958, 70.6353

Protanopia

124.6380, -41.2335, 18.7345

Deuteranopia

123.7450, -50.1603, 35.3036



Tritanopia

128.4710, -14.0362, 68.8699

Trichromacy



Original Color

123.4580, -44.5958, 70.6353

Protanomaly

124.1180, -42.4562, 37.6075

Deuteranomaly

123.9900, -48.3091, 48.2438

Tritanomaly

126.6100, -24.9507, 69.6250

Monochromacy



Original Color

123.4580, -44.5958, 70.6353

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2130, -16.3740, 25.2462

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4580, -44.5958, 70.6353 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(204, 100, 33)` looks like.

```
.text, #text, p{  
    color:rgb(204, 100, 33)  
}
```

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(204, 100, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 100, 33) }
```

Border

The CSS property to change the border of an element to YUV 123.4580, -44.5958, 70.6353 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(204, 100, 33) }
```


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

```
.border{ border-color:rgb(204, 100, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 100, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 100, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 100, 33);  
box-shadow:4px 4px 4px 4px rgb(204, 100,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 123.4580, -44.5958, 70.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 100, 33) }
```

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

```
.background{ background-color: rgb(204,  
100, 33) }
```

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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