

Converting Colors

YUV(124.0340, -44.8798,
68.3762)

Have a look what the booklet for
YUV(124.0340, -44.8798, 68.3762)
contains.

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Color

**YUV(124.0340, -44.8798,
68.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6621
RGB	202, 102, 33
RGB Percent	79%, 40%, 13%
CMY	0.2078, 0.6000, 0.8706
CMYK	0.00, 0.50, 0.84, 0.21
HSL	24°, 72%, 46%
HSV	24°, 84%, 79%
XYZ	29.3830, 22.1691, 4.1693
YIQ	124.0340, 81.7490, -0.2590

Conversions

Conversions Part 2

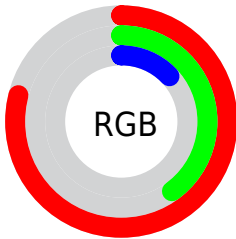
Format	Color
R_{YB}	202, 150, 33
Decimal	13264417
CIE _{Lab}	54.21, 35.47, 53.63
CIE _{LCh}	54, 64.302, 56.522
Yxy	22.1691, 0.5273, 0.3979
Android (android.graphics.Color)	4291454497 (0xFFCA6621)
YUV	124.0340, -44.8798, 68.3762
Hunter-Lab	47.0841, 28.9965, 27.7088

Details

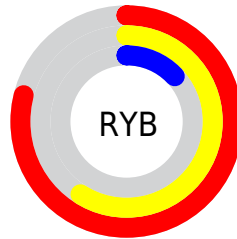
The YUV color **124.0340, -44.8798, 68.3762** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **110.9660, 44.8798, -68.3762**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2190, -45.4640, 69.0909**, and **72.6830, -35.8327, 59.9140** is the 20% darker color. If you saturate the color by 10%, you get **114.7100, -50.1430, 76.5533**, and if you desaturate by 10%, it is **133.3580, -39.6165, 60.1990**.

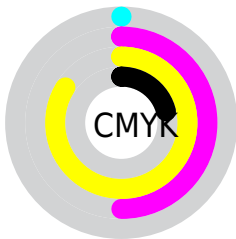
Distribution



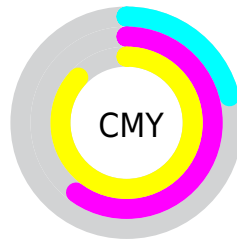
- Red (79%)
- Green (40%)
- Blue (13%)



- Red (79%)
- Yellow (59%)
- Blue (13%)



- Cyan (0%)
- Magenta (50%)
- Yellow (84%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.0340, -44.8798, 68.3762 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 124.0340, -44.8798, 68.3762 by changing the saturation by 10% instead.

124.0340,
-44.8798, 68.3762

124.0340,
-44.8798, 68.3762

255.0000, 0.0000,
0.0000

96.5560, -46.6161,
65.2874

176.2190,
-45.4640, 69.0909

72.6830, -35.8327,
59.9140

195.6190,
-42.2102, 52.0771

49.0380, -24.1757,
54.3407

215.0190,
-38.9564, 35.0633

24.5180, -12.0874,
50.4117

234.5330,
-35.2658, 17.9496

16.4450, -8.1074,
33.8127

247.7040,
-27.9551, 6.3986

6.8770, -3.3904,
14.1399

250.8960,

0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,
0.6998

124.0340,
-44.8798, 68.3762

124.0340,
-44.8798, 68.3762

114.7100,
-50.1430, 76.5533

133.3580,
-39.6165, 60.1990

108.5320,
-53.5063, 81.9714

142.6820,
-34.3532, 52.0219

152.1200,
-28.6532, 43.7448

161.4440,
-23.3899, 35.5676

170.7680,
-18.1266, 27.3905

■ 180.0920,
-12.8634, 19.2133

■ 189.4160, -7.6001,
11.0362

■ 198.8540, -1.9000,
2.7590

■ 208.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



122.9360, -19.1954, 90.3871



124.0340, -44.8798, 68.3762



121.5140, -59.9064, 34.6292

Triad

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



124.0340, -44.8798, 68.3762



104.1920, 8.2863, -91.3764



129.5720, 49.5110, -13.6566

Complementary

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



124.0340, -44.8798, 68.3762



110.9660, 44.8798, -68.3762

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.



108.4800, 65.3324, -95.1370



124.0340, -44.8798, 68.3762



111.2770, 32.8944, -97.5899

Square

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



124.0340, -44.8798, 68.3762



95.3460, -15.4536, -83.6184



113.3580, 53.5605, -99.4150



132.1150, 29.5233, 50.7651

Rectangle

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



124.0340, -44.8798, 68.3762



117.8050, -58.0779, 8.0640



113.3580, 53.5605, -99.4150



121.0240, 57.1762, -45.6250

Sweetspot

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



124.0340, -44.8798, 68.3762



225.3980, -16.9582, 25.9610



95.0450, 19.2048, 93.7995



110.0530, -10.3791, 15.7395



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.



124.0340, -44.8798, 68.3762



137.2930, -67.6854, 103.2290



172.7550, -68.8992, 25.6479



97.3380, -2.6316, 4.0886



89.5500, -44.1482, 67.0466



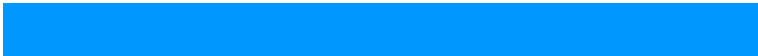
20.7540, -10.2317, 15.1247

Inverse Universe

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



110.9660, 44.8798, -68.3762



117.7070, 67.6854, -103.2290



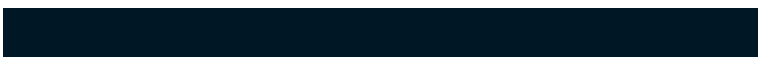
62.2450, 68.8992, -25.6479



96.6620, 2.6316, -4.0886



76.4500, 44.1482, -67.0466



17.8330, 9.9423, -15.6395

Previews

White Background



This preview shows how the YUV color 124.0340, -44.8798, 68.3762 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 124.0340, -44.8798, 68.3762 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 124.0340, -44.8798, 68.3762

Background



This preview shows how black text looks on a background with the YUV color 124.0340, -44.8798, 68.3762.



This preview shows how white text looks on a background with the YUV color 124.0340, -44.8798,

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

124.0340, -44.8798, 68.3762

Protanopia

124.5240, -41.6703, 18.8345

Deuteranopia

123.8590, -49.7235, 35.2037



Tritanopia

128.6880, -13.1572, 66.9256

Trichromacy



Original Color

124.0340, -44.8798, 68.3762

Protanomaly

124.2920, -43.0350, 36.5779

Deuteranomaly

123.8050, -47.7249, 47.5290

Tritanomaly

127.3000, -24.7979, 67.2659

Monochromacy



Original Color

124.0340, -44.8798, 68.3762

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9140, -16.2266, 24.6314

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.0340, -44.8798, 68.3762 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(202, 102, 33)` looks like.

```
.text, #text, p{  
    color:rgb(202, 102, 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(202, 102, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 102, 33) }
```

Border

The CSS property to change the border of an element to YUV 124.0340, -44.8798, 68.3762 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(202, 102, 33) }
```


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

```
.border{ border-color:rgb(202, 102, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 102, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 102, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 102, 33);  
box-shadow:4px 4px 4px 4px rgb(202, 102,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 124.0340, -44.8798, 68.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 102, 33) }
```

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

```
.background{ background-color: rgb(202,  
102, 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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