

Converting Colors

YUV(120.6540, -45.1854,
73.0944)

Have a look what the booklet for
YUV(120.6540, -45.1854, 73.0944)
contains.

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Color

**YUV(120.6540, -45.1854,
73.0944)**

Conversions

Conversions Part 1

Format	Color
Hex	CC601D
RGB	204, 96, 29
RGB Percent	80%, 38%, 11%
CMY	0.2000, 0.6235, 0.8863
CMYK	0.00, 0.53, 0.86, 0.20
HSL	23°, 75%, 46%
HSV	23°, 86%, 80%
XYZ	29.3065, 21.2918, 3.7275
YIQ	120.6540, 85.8750, 2.0590

Conversions

Conversions Part 2

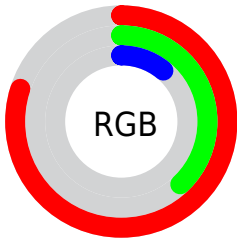
Format	Color
RYB	204, 138, 29
Decimal	13393949
CIELab	53.27, 39.22, 54.49
CIElCh	53, 67.135, 54.251
Yxy	21.2918, 0.5395, 0.3919
Android (android.graphics.Color)	4291584029 (0xFFCC601D)
YUV	120.6540, -45.1854, 73.0944
Hunter-Lab	46.1431, 32.6190, 27.5106

Details

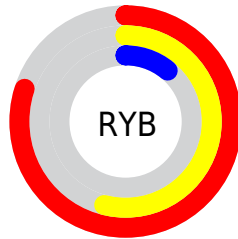
The YUV color **120.6540, -45.1854, 73.0944** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **112.3460, 45.1854, -73.0944**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8280, -45.7642, 72.0648**, and **69.1720, -34.1018, 64.7472** is the 20% darker color. If you saturate the color by 10%, you get **110.7430, -50.1593, 81.7864**, and if you desaturate by 10%, it is **130.5650, -40.2115, 64.4025**.

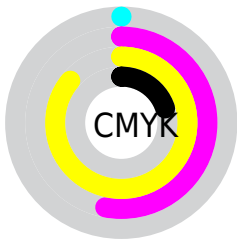
Distribution



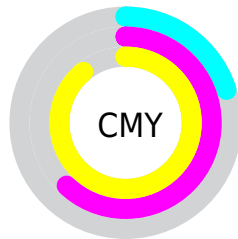
- Red (80%)
- Green (38%)
- Blue (11%)



- Red (80%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (86%)
- Black (20%)



- Cyan (20%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.6540, -45.1854, 73.0944 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 120.6540, -45.1854, 73.0944 by changing the saturation by 10% instead.


 120.6540,
-45.1854, 73.0944


 120.6540,
-45.1854, 73.0944


255.0000, 0.0000,
0.0000


 93.4040, -46.0482,
69.8057


 172.8280,
-45.7642, 72.0648


 69.1720, -34.1018,
64.7472


 191.6410,
-42.2210, 55.5658

 44.3530, -21.8660,
60.2034


 211.0410,
-38.9672, 38.5520

 24.8170, -12.2348,
51.0265

 230.5550,
-35.2766, 21.4383

 16.7440, -8.2548,
34.4275

 247.2480,
-29.7023, 6.7985

 6.5780, -3.2430,
13.5251

 250.4400,

 0.0000, 0.0000,

-17.4719, 3.9991

0.0000

253.7460, -4.8048,
1.0998

120.6540,
-45.1854, 73.0944

120.6540,
-45.1854, 73.0944

110.7430,
-50.1593, 81.7864

130.5650,
-40.2115, 64.4025

106.7820,
-52.6435, 85.2602

140.0030,
-34.5115, 56.1254

149.9140,
-29.5376, 47.4334

159.3520,
-23.8375, 39.1563

169.2630,
-18.8637, 30.4643

■ 179.1740,
-13.8898, 21.7724

■ 188.6120, -8.1897,
13.4953

■ 198.5230, -3.2158,
4.8033

■ 207.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



118.5390, -17.0277, 95.1203



120.6540, -45.1854, 73.0944



119.7640, -59.0437, 37.9180

Triad

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



120.6540, -45.1854, 73.0944



102.2200, 5.8075, -89.6469



125.2550, 53.6113, -22.1486

Complementary

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



120.6540, -45.1854, 73.0944



112.3460, 45.1854, -73.0944

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.



108.7080, 66.2060, -95.3369



120.6540, -45.1854, 73.0944



109.5330, 31.2892, -96.0604

Square

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



120.6540, -45.1854, 73.0944



93.0320, -19.2428, -81.5891



112.6570, 53.4131, -98.8002



129.3150, 32.8757, 48.8357

Rectangle

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



120.6540, -45.1854, 73.0944



116.3430, -57.3571, 10.2232



112.6570, 53.4131, -98.8002



111.4990, 63.3510, -66.2126

Sweetspot

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



120.6540, -45.1854, 73.0944



223.4090, -16.9636, 27.7053



93.9790, 22.6884, 96.4884



108.7650, -10.2371, 16.8691



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.



120.6540, -45.1854, 73.0944



133.7710, -65.9491, 106.3178



170.5490, -69.7837, 29.3365



97.3380, -2.6316, 4.0886



86.6150, -42.7012, 69.6206



20.1670, -9.9423, 15.6395

Inverse Universe

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



112.3460, 45.1854, -73.0944



121.2290, 65.9491, -106.3178



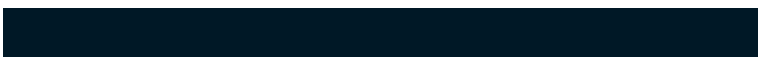
62.4510, 69.7837, -29.3365



96.6620, 2.6316, -4.0886



78.7980, 42.9906, -69.1058



18.4200, 9.6529, -16.1543

Previews

White Background



This preview shows how the YUV color 120.6540, -45.1854, 73.0944 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 120.6540, -45.1854, 73.0944 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 120.6540, -45.1854, 73.0944

Background



This preview shows how black text looks on a background with the YUV color 120.6540, -45.1854, 73.0944.



This preview shows how white text looks on a background with the YUV color 120.6540, -45.1854,

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

120.6540, -45.1854, 73.0944

Protanopia

122.1110, -41.9597, 18.3197

Deuteranopia

120.9470, -53.2179, 36.0035



Tritanopia

125.6670, -14.6258, 71.3290

Trichromacy



Original Color

120.6540, -45.1854, 73.0944

Protanomaly

121.3030, -43.0404, 38.3223

Deuteranomaly

120.8330, -50.2037, 49.2585

Tritanomaly

123.8060, -25.5404, 72.0841

Monochromacy



Original Color

120.6540, -45.1854, 73.0944

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9250, -16.2320, 26.3758

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6540, -45.1854, 73.0944 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, 96, 29)` looks like.

```
.text, #text, p{  
    color:rgb(204, 96, 29)  
}
```

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, 96, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 96, 29) }
```

Border

The CSS property to change the border of an element to YUV 120.6540, -45.1854, 73.0944 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, 96, 29) }
```


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

```
.border{ border-color:rgb(204, 96, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 96, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 96, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 96, 29);  
box-shadow:4px 4px 4px 4px rgb(204, 96,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 120.6540, -45.1854, 73.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 96, 29) }
```

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

```
.background{ background-color: rgb(204, 96,  
29) }
```

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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