

Converting Colors

YUV(104.5620, -45.6331,
76.6831)

Have a look what the booklet for
YUV(104.5620, -45.6331, 76.6831)
contains.

YUV(104.5620, -45.6331, 76.6831)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.5620, -45.6331,
76.6831)**

Conversions

Conversions Part 1

Format	Color
Hex	C04E0C
RGB	192, 78, 12
RGB Percent	75%, 31%, 5%
CMY	0.2471, 0.6941, 0.9529
CMYK	0.00, 0.59, 0.94, 0.25
HSL	22°, 88%, 40%
HSV	22°, 94%, 75%
XYZ	24.5290, 16.6818, 2.2749
YIQ	104.5620, 89.1300, 3.6420

Conversions

Conversions Part 2

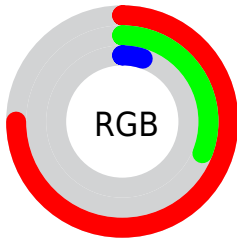
Format	Color
RYB	192, 116, 12
Decimal	12602892
CIELab	47.86, 43.09, 55.01
CIElCh	48, 69.880, 51.929
Yxy	16.6818, 0.5641, 0.3836
Android (android.graphics.Color)	4290792972 (0xFFC04E0C)
YUV	104.5620, -45.6331, 76.6831
Hunter-Lab	40.8433, 35.7245, 25.2880

Details

The YUV color **104.5620, -45.6331, 76.6831** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **99.4380, 45.6331, -76.6831**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0790, -46.3809, 83.2457**, and **53.2570, -26.2557, 68.1806** is the 20% darker color. If you saturate the color by 10%, you get **98.4980, -48.5595, 82.0013**, and if you desaturate by 10%, it is **113.7720, -40.8066, 68.6060**.

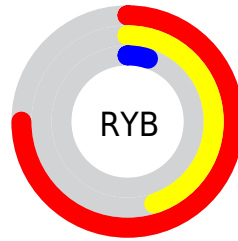
Distribution



Red (75%)

Green (31%)

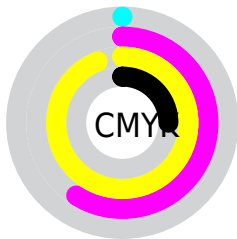
Blue (5%)



Red (75%)

Yellow (45%)

Blue (5%)

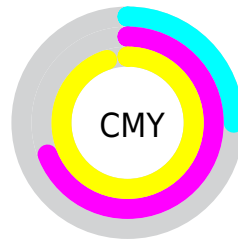


Cyan (0%)

Magenta (59%)

Yellow (94%)

Black (25%)



Cyan (25%)

Magenta (69%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5620, -45.6331, 76.6831 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 104.5620, -45.6331, 76.6831 by changing the saturation by 10% instead.

■ 104.5620,
-45.6331, 76.6831

■ 104.5620,
-45.6331, 76.6831

■ 255.0000, 0.0000,
0.0000

■ 78.6630, -38.7809,
72.2095

■ 160.0790,
-46.3809, 83.2457

■ 53.2570, -26.2557,
68.1806

■ 179.3650,
-43.5639, 66.3319

■ 29.9000, -14.7407,
61.4777

■ 198.1780,
-40.0208, 49.8329

■ 21.2290, -10.4659,
43.6492

■ 217.6920,
-36.3302, 32.7191


■ 13.9820, -5.9071,
28.0798


■ 237.7930,
-32.9289, 15.0905


■ 0.0000, 0.0000,
0.0000


■ 248.6160,


-24.4607, 5.5988


 251.8080,
-12.2303, 2.7994


 104.5620,
-45.6331, 76.6831


 104.5620,
-45.6331, 76.6831


 98.4980, -48.5595,
82.0013

 113.7720,
-40.8066, 68.6060

 122.9820,
-35.9801, 60.5288

 132.3060,
-30.7169, 52.3516

 142.1030,
-26.1798, 43.7597

 151.3130,
-21.3533, 35.6825

■ 160.5230,
-16.5268, 27.6053

■ 169.7330,
-11.7004, 19.5282

■ 179.0570, -6.4371,
11.3510

■ 188.2670, -1.6106,
3.2738

Harmonies

Analogous

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



98.8370, -12.2446, 100.9980



104.5620, -45.6331, 76.6831



106.7840, -52.6445, 38.7774

Triad

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



104.5620, -45.6331, 76.6831



91.8360, 1.5599, -80.5402



106.9050, 57.7278, -35.8737

Complementary

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



104.5620, -45.6331, 76.6831



99.4380, 45.6331, -76.6831

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.



100.2960, 64.4371, -87.9596



104.5620, -45.6331, 76.6831



99.3770, 27.9151, -87.1536

Square

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



104.5620, -45.6331, 76.6831



81.6050, -24.9483, -71.5676



103.3160, 50.6232, -90.6081



114.6890, 35.6493, 45.8767

Rectangle

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



104.5620, -45.6331, 76.6831



103.9500, -51.2473, 10.5679



103.3160, 50.6232, -90.6081



92.5510, 67.7624, -81.1672

Sweetspot

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



104.5620, -45.6331, 76.6831



216.1920, -17.8427, 29.6496



78.8160, 23.2617, 99.2624



104.2490, -10.9688, 18.1986



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.



104.5620, -45.6331, 76.6831



128.7540, -63.4757, 106.3327



157.3920, -71.6783, 30.3512



92.3380, -2.6316, 4.0886



82.7720, -40.8066, 68.6060



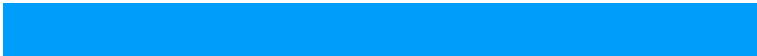
16.9110, -8.3371, 14.1101

Inverse Universe

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



99.4380, 45.6331, -76.6831



121.2460, 63.4757, -106.3327



46.6080, 71.6783, -30.3512



91.6620, 2.6316, -4.0886



78.2280, 40.8066, -68.6060



16.0890, 8.3371, -14.1101

Previews

White Background



This preview shows how the YUV color 104.5620, -45.6331, 76.6831 looks on a white 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

Black Background



This preview shows how the YUV color 104.5620, -45.6331, 76.6831 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.5620, -45.6331, 76.6831 Background



This preview shows how black text looks on a background with the YUV color 104.5620, -45.6331, 76.6831.



This preview shows how white text looks on a background with the YUV color 104.5620, -45.6331, 76.6831.

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

104.5620, -45.6331, 76.6831

Protanopia

108.6980, -42.2491, 17.8049

Deuteranopia

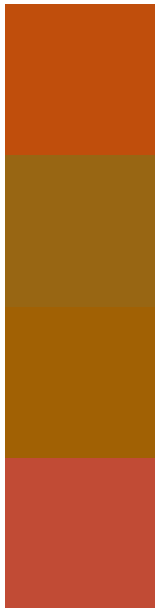
106.4520, -52.4808, 32.9296



Tritanopia

109.6350, -16.0891, 73.9881

Trichromacy



Original Color

104.5620, -45.6331, 76.6831

Protanomaly

107.4880, -43.6246, 39.0370

Deuteranomaly

105.5340, -50.0563, 48.6437

Tritanomaly

107.7740, -27.0036, 74.7432

Monochromacy



Original Color

104.5620, -45.6331, 76.6831

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8220, -16.6742, 28.2201

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5620, -45.6331, 76.6831 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(192, 78, 12)` looks like.

```
.text, #text, p{  
    color:rgb(192, 78, 12)  
}
```

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(192, 78, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 78, 12) }
```

Border

The CSS property to change the border of an element to YUV 104.5620, -45.6331, 76.6831 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(192, 78, 12) }
```


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

```
.border{ border-color:rgb(192, 78, 12) }
```

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

Here you see how a box with a 4 pixel rgb(192, 78, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 78, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 78, 12);  
box-shadow:4px 4px 4px 4px rgb(192, 78,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 104.5620, -45.6331, 76.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 78, 12) }
```

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

```
.background{ background-color: rgb(192, 78,  
12) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor