

Converting Colors

YUV(103.7610, -40.8012,
66.8616)

Have a look what the booklet for
YUV(103.7610, -40.8012, 66.8616)
contains.

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Color

**YUV(103.7610, -40.8012,
66.8616)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B45115 |
| RGB | 180, 81, 21 |
| RGB Percent | 71%, 32%, 8% |
| CMY | 0.2941, 0.6824, 0.9176 |
| CMYK | 0.00, 0.55, 0.88, 0.29 |
| HSL | 23°, 79%, 39% |
| HSV | 23°, 88%, 71% |
| XYZ | 21.9002, 15.6423, 2.5745 |
| YIQ | 103.7610, 78.2640, 2.3280 |

Conversions

Conversions Part 2

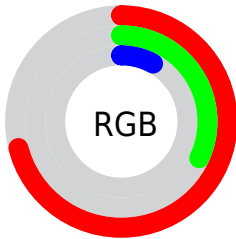
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 180, 117, 21 |
| Decimal | 11817237 |
| CIELab | 46.50, 37.13, 50.36 |
| CIELCh | 47, 62.564, 53.600 |
| Yxy | 15.6423, 0.5459, 0.3899 |
| Android (android.graphics.Color) | 4290007317 (0xFFB45115) |
| YUV | 103.7610, -40.8012, 66.8616 |
| Hunter-Lab | 39.5503, 29.6275, 23.8259 |

Details

The YUV color **103.7610, -40.8012, 66.8616** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **97.2390, 40.8012, -66.8616**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5230, -43.1488, 73.2093**, and **54.0770, -26.6600, 57.8145** is the 20% darker color. If you saturate the color by 10%, you get **95.2520, -45.4802, 74.3240**, and if you desaturate by 10%, it is **112.2700, -36.1221, 59.3992**.

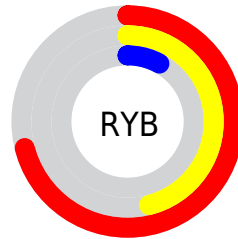
Distribution



Red (71%)

Green (32%)

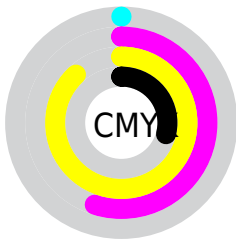
Blue (8%)



Red (71%)

Yellow (46%)

Blue (8%)

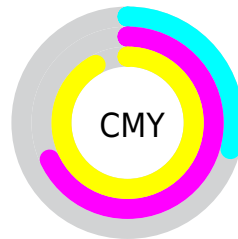


Cyan (0%)

Magenta (55%)

Yellow (88%)

Black (29%)



Cyan (29%)

Magenta (68%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7610, -40.8012, 66.8616 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 103.7610, -40.8012, 66.8616 by changing the saturation by 10% instead.

■ 103.7610,
-40.8012, 66.8616

■ 103.7610,
-40.8012, 66.8616

■ 255.0000, 0.0000,
0.0000

■ 77.7220, -38.3169,
63.3878

■ 158.5230,
-43.1488, 73.2093

■ 54.0770, -26.6600,
57.8145

■ 180.6360,
-41.2325, 65.2172

■ 27.4970, -13.5560,
54.8151

■ 199.9220,
-38.4155, 48.3034

■ 18.5380, -9.1392,
38.1162

■ 219.4360,
-34.7249, 31.1896

■ 10.8780, -4.8699,
22.0320

■ 239.5370,
-31.3237, 13.5611

■ 0.0000, 0.0000,
0.0000

■ 249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

103.7610,
-40.8012, 66.8616

103.7610,
-40.8012, 66.8616

95.2520, -45.4802,
74.3240

112.2700,
-36.1221, 59.3992

93.7360, -46.2118,
75.6535

120.7790,
-31.4430, 51.9368

129.8750,
-27.0534, 43.9596

138.3840,
-22.3743, 36.4972

146.8930,
-17.6952, 29.0348

■ 155.4020,
-13.0162, 21.5724

■ 163.9110, -8.3371,
14.1101

■ 173.0070, -3.9475,
6.1329

■ 181.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



100.8800, -14.2378, 86.9282



103.7610, -40.8012, 66.8616



103.8050, -51.1759, 34.3740

Triad

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



103.7610, -40.8012, 66.8616



89.1290, 3.8804, -78.1661



107.1040, 49.2487, -22.8932

Complementary

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



103.7610, -40.8012, 66.8616



97.2390, 40.8012, -66.8616

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.



94.9500, 59.1846, -83.2712



103.7610, -40.8012, 66.8616



95.2850, 27.4675, -83.5649

Square

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



103.7610, -40.8012, 66.8616



80.5110, -18.9859, -70.6081



98.4260, 47.1180, -86.3196



111.8860, 30.1292, 43.0730

Rectangle

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



103.7610, -40.8012, 66.8616



100.6940, -49.6421, 9.0384



98.4260, 47.1180, -86.3196



88.2650, 61.4944, -77.4084

Sweetspot

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



103.7610, -40.8012, 66.8616



204.2240, -16.3794, 26.9906



80.0550, 20.6789, 87.6518



99.2810, -9.5055, 15.5396



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



103.7610, -40.8012, 66.8616



122.5080, -60.3964, 98.6555



149.5470, -63.3737, 26.7073



85.0390, -2.4842, 3.4738



79.7930, -39.3379, 64.2025



13.6440, -6.7265, 10.8362

Inverse Universe

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



97.2390, 40.8012, -66.8616



112.4920, 60.3964, -98.6555



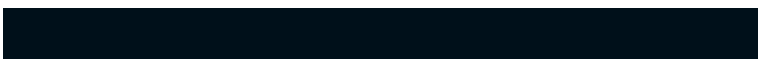
51.4530, 63.3737, -26.7073



84.5480, 2.1948, -3.9886



73.2070, 39.3379, -64.2025



12.3560, 6.7265, -10.8362

Previews

White Background



This preview shows how the YUV color 103.7610, -40.8012, 66.8616 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 103.7610, -40.8012, 66.8616 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 103.7610, -40.8012, 66.8616

Background



This preview shows how black text looks on a background with the YUV color 103.7610, -40.8012, 66.8616.



This preview shows how white text looks on a background with the YUV color 103.7610, -40.8012, 66.8616.

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

103.7610, -40.8012, 66.8616

Protanopia

105.8380, -37.8811, 16.8051

Deuteranopia

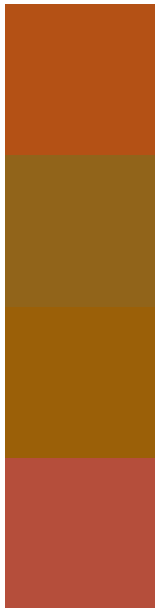
103.4950, -51.0230, 32.0149



Tritanopia

108.2640, -13.4412, 64.6665

Trichromacy



Original Color

103.7610, -40.8012, 66.8616

Protanomaly

105.0190, -38.9564, 35.0633

Deuteranomaly

103.6090, -47.1352, 45.0699

Tritanomaly

106.6310, -23.4821, 65.2216

Monochromacy



Original Color

103.7610, -40.8012, 66.8616

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2560, -14.9162, 24.3315

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7610, -40.8012, 66.8616 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(180, 81, 21)` looks like.

```
.text, #text, p{  
    color:rgb(180, 81, 21)  
}
```

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(180, 81, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 81, 21) }
```

Border

The CSS property to change the border of an element to YUV 103.7610, -40.8012, 66.8616 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(180, 81, 21) }
```


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

```
.border{ border-color:rgb(180, 81, 21) }
```

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

Here you see how a box with a 4 pixel rgb(180, 81, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 81, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 81, 21);  
box-shadow:4px 4px 4px 4px rgb(180, 81,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 103.7610, -40.8012, 66.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 81, 21) }
```

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

```
.background{ background-color: rgb(180, 81,  
21) }
```

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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