

Converting Colors

YUV(103.5360, -49.5642,
77.5829)

Have a look what the booklet for
YUV(103.5360, -49.5642, 77.5829)
contains.

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Color

**YUV(103.5360, -49.5642,
77.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	C04E03
RGB	192, 78, 3
RGB Percent	75%, 31%, 1%
CMY	0.2471, 0.6941, 0.9882
CMYK	0.00, 0.59, 0.98, 0.25
HSL	24°, 97%, 38%
HSV	24°, 98%, 75%
XYZ	24.4791, 16.6618, 2.0120
YIQ	103.5360, 92.0190, 0.8430

Conversions

Conversions Part 2

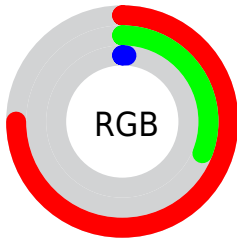
Format	Color
RYB	192, 127, 3
Decimal	12602883
CIELab	47.83, 42.98, 57.18
CIELCh	48, 71.533, 53.066
Yxy	16.6618, 0.5673, 0.3861
Android (android.graphics.Color)	4290792963 (0xFFC04E03)
YUV	103.5360, -49.5642, 77.5829
Hunter-Lab	40.8189, 35.6132, 25.6507

Details

The YUV color **103.5360, -49.5642, 77.5829** 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 **91.4640, 49.5642, -77.5829**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5090, -48.5649, 83.7456**, and **52.9580, -26.1083, 67.5658** is the 20% darker color. If you saturate the color by 10%, you get **102.0200, -50.2959, 78.9125**, and if you desaturate by 10%, it is **112.7460, -44.7378, 69.5058**.

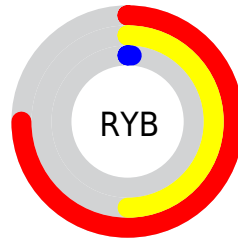
Distribution



Red (75%)

Green (31%)

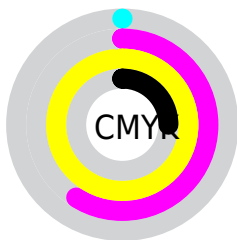
Blue (1%)



Red (75%)

Yellow (50%)

Blue (1%)

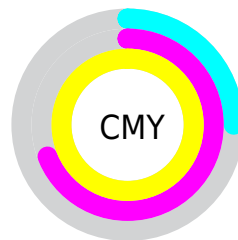


Cyan (0%)

Magenta (59%)

Yellow (98%)

Black (25%)



Cyan (25%)

Magenta (69%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5360, -49.5642, 77.5829 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 103.5360, -49.5642, 77.5829 by changing the saturation by 10% instead.

103.5360,
-49.5642, 77.5829

103.5360,
-49.5642, 77.5829

254.5440, -1.7472,
0.3999

78.6630, -38.7809,
72.2095

159.5090,
-48.5649, 83.7456

52.9580, -26.1083,
67.5658

178.3220,
-45.0217, 67.2466

29.9000, -14.7407,
61.4777

197.7220,
-41.7679, 50.2328

21.2290, -10.4659,
43.6492

217.1220,
-38.5141, 33.2190


13.6830, -5.7597,
27.4650

237.2230,
-35.1129, 15.5904

0.0000, 0.0000,
0.0000


248.0460,


-26.6447, 6.0987


 251.2380,
-14.4143, 3.2993


 103.5360,
-49.5642, 77.5829

 103.5360,
-49.5642, 77.5829


 102.0200,
-50.2959, 78.9125

 112.7460,
-44.7378, 69.5058

 121.3690,
-39.6219, 61.9434

 130.6930,
-34.3586, 53.7662

 139.3160,
-29.2428, 46.2039

 148.5260,
-24.4163, 38.1267

■ 157.1490,
-19.3005, 30.5643

■ 166.3590,
-14.4740, 22.4872

■ 175.6830, -9.2107,
14.3100

■ 184.3060, -4.0949,
6.7476

Harmonies

Analogous

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



97.6200, -13.1237, 102.9423



103.5360, -49.5642, 77.5829



107.0720, -52.7865, 37.6479

Triad

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



103.5360, -49.5642, 77.5829



92.0640, 2.4334, -80.7401



107.7420, 58.3012, -33.0997

Complementary

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



103.5360, -49.5642, 77.5829



91.4640, 49.5642, -77.5829

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.



100.1650, 66.4737, -87.8447



103.5360, -49.5642, 77.5829



99.7190, 29.2255, -87.4536

Square

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



103.5360, -49.5642, 77.5829



82.1920, -25.2377, -72.0824



103.7720, 52.3704, -91.0080



114.1240, 35.9279, 49.8803

Rectangle

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



103.5360, -49.5642, 77.5829



103.9390, -51.2419, 8.8235



103.7720, 52.3704, -91.0080



92.3060, 69.3621, -80.9524

Sweetspot

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



103.5360, -49.5642, 77.5829



215.0350, -19.7373, 30.6643



72.8490, 23.2454, 104.4954



104.0210, -11.8424, 18.3986



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.



103.5360, -49.5642, 77.5829



132.8630, -65.5015, 102.7291



157.5400, -76.1882, 30.2214



92.3380, -2.6316, 4.0886



85.7070, -42.2536, 66.0320



17.4980, -8.6265, 13.5953

Inverse Universe

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



91.4640, 49.5642, -77.5829



117.1370, 65.5015, -102.7291



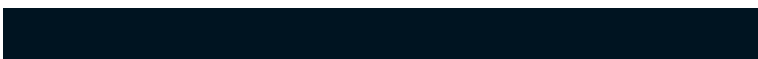
37.4600, 76.1882, -30.2214



91.6620, 2.6316, -4.0886



75.2930, 42.2536, -66.0320



15.5020, 8.6265, -13.5953

Previews

White Background



This preview shows how the YUV color 103.5360, -49.5642, 77.5829 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 103.5360, -49.5642, 77.5829 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 103.5360, -49.5642, 77.5829

Background



This preview shows how black text looks on a background with the YUV color 103.5360, -49.5642, 77.5829.



This preview shows how white text looks on a background with the YUV color 103.5360, -49.5642, 77.5829.

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

103.5360, -49.5642, 77.5829

Protanopia

108.2420, -43.9963, 18.2048

Deuteranopia

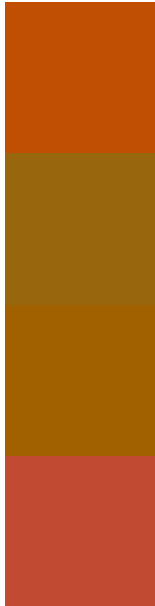
106.4520, -52.4808, 32.9296



Tritanopia

109.6350, -16.0891, 73.9881

Trichromacy



Original Color

103.5360, -49.5642, 77.5829

Protanomaly

106.8040, -46.2454, 39.6369

Deuteranomaly

105.1920, -51.3667, 48.9436

Tritanomaly

107.4320, -28.3140, 75.0431

Monochromacy



Original Color

103.5360, -49.5642, 77.5829

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0670, -18.2740, 28.0052

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5360, -49.5642, 77.5829 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(192, 78, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 78, 3) }
```

Border

The CSS property to change the border of an element to YUV 103.5360, -49.5642, 77.5829 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, 3) }
```


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

```
.border{ border-color:rgb(192, 78, 3) }
```

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, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 78, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 78, 3);  
box-shadow:4px 4px 4px 4px rgb(192, 78, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 103.5360, -49.5642, 77.5829 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, 3) }
```

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

```
.background{ background-color: rgb(192, 78,  
3) }
```

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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