

Converting Colors

YUV(109.6790, -39.7747,
64.3025)

Have a look what the booklet for
YUV(109.6790, -39.7747, 64.3025)
contains.

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Color

**YUV(109.6790, -39.7747,
64.3025)**

Conversions

Conversions Part 1	
Format	Color
Hex	B7581D
RGB	183, 88, 29
RGB Percent	72%, 35%, 11%
CMY	0.2824, 0.6549, 0.8863
CMYK	0.00, 0.52, 0.84, 0.28
HSL	23°, 73%, 42%
HSV	23°, 84%, 72%
XYZ	23.2399, 17.1354, 3.2450
YIQ	109.6790, 75.5590, 1.7910

Conversions

Conversions Part 2

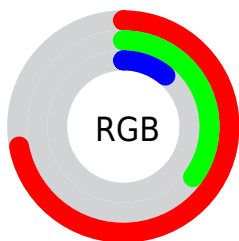
Format	Color
RYB	183, 125, 29
Decimal	12015645
CIELab	48.43, 34.94, 49.08
CIELCh	48, 60.246, 54.551
Yxy	17.1354, 0.5328, 0.3928
Android (android.graphics.Color)	4290205725 (0xFFB7581D)
YUV	109.6790, -39.7747, 64.3025
Hunter-Lab	41.3950, 27.7721, 24.3287

Details

The YUV color **109.6790, -39.7747, 64.3025** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **102.3210, 39.7747, -64.3025**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4410, -42.1224, 70.6502**, and **59.6700, -29.4173, 55.5404** is the 20% darker color. If you saturate the color by 10%, you get **101.1700, -44.4538, 71.7649**, and if you desaturate by 10%, it is **118.1880, -35.0957, 56.8401**.

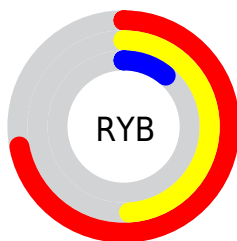
Distribution



Red (72%)

Green (35%)

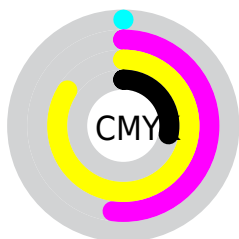
Blue (11%)



Red (72%)

Yellow (49%)

Blue (11%)

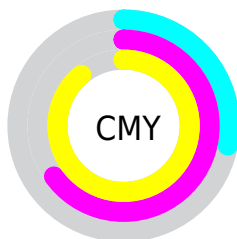


Cyan (0%)

Magenta (52%)

Yellow (84%)

Black (28%)



Cyan (28%)

Magenta (65%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.6790, -39.7747, 64.3025 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 109.6790, -39.7747, 64.3025 by changing the saturation by 10% instead.


 109.6790,
-39.7747, 64.3025


 109.6790,
-39.7747, 64.3025


255.0000, 0.0000,
0.0000


 82.7280, -40.7849,
61.6285

 164.4410,
-42.1224, 70.6502

 59.6700, -29.4173,
55.5404


 186.1300,
-40.4901, 60.3990


 35.1500, -17.3289,
51.6114


 204.9430,
-36.9469, 43.9000

 19.4350, -9.5815,
39.9605

 224.4570,
-33.2563, 26.7862

 12.3730, -5.6069,
25.1059

 244.5580,
-29.8551, 9.1576

 0.0000, 0.0000,
0.0000

 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

109.6790,
-39.7747, 64.3025

109.6790,
-39.7747, 64.3025

101.1700,
-44.4538, 71.7649

118.1880,
-35.0957, 56.8401


95.8070, -47.2329,
76.4683


127.3980,
-30.2692, 48.7630


135.9070,
-25.5902, 41.3006

144.4160,
-20.9111, 33.8382

153.0390,
-15.7952, 26.2758

 162.1350,
-11.4056, 18.2986

 170.6440, -6.7265,
10.8362

 179.1530, -2.0474,
3.3738

 188.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



108.1030, -15.8268, 83.2247



109.6790, -39.7747, 64.3025



108.2240, -53.3544, 33.1296

Triad

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



109.6790, -39.7747, 64.3025



92.2750, 5.7804, -80.9252



113.7410, 46.4697, -18.1899

Complementary

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



109.6790, -39.7747, 64.3025



102.3210, 39.7747, -64.3025

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.



97.5260, 58.9007, -85.5303



109.6790, -39.7747, 64.3025



98.7900, 28.2045, -86.6388

Square

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



109.6790, -39.7747, 64.3025



85.0810, -16.8019, -71.1080



101.2300, 47.7076, -88.7787



117.4300, 28.3820, 43.4729

Rectangle

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



109.6790, -39.7747, 64.3025



104.8250, -51.6787, 8.9235



101.2300, 47.7076, -88.7787



103.8830, 54.2877, -52.5174

Sweetspot

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



109.6790, -39.7747, 64.3025



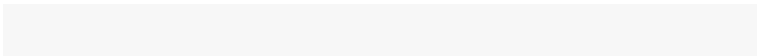
209.1420, -15.3530, 24.4315



86.2180, 20.1055, 84.8778



102.9820, -9.3581, 14.9248



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



109.6790, -39.7747, 64.3025



124.2800, -61.2700, 98.8554



153.1170, -61.1897, 26.2074



87.4520, -2.1948, 3.9886



81.8640, -40.3590, 65.0173



14.8290, -7.3107, 11.5510

Inverse Universe

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



102.3210, 39.7747, -64.3025



112.7200, 61.2700, -98.8554



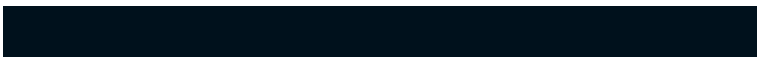
58.8830, 61.1897, -26.2074



86.9610, 2.4842, -3.4738



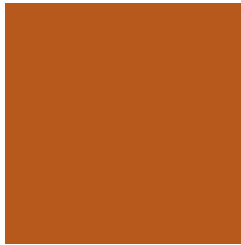
74.1360, 40.3590, -65.0173



13.1710, 7.3107, -11.5510

Previews

White Background



This preview shows how the YUV color 109.6790, -39.7747, 64.3025 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 109.6790, -39.7747, 64.3025 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 109.6790, -39.7747, 64.3025

Background



This preview shows how black text looks on a background with the YUV color 109.6790, -39.7747, 64.3025.



This preview shows how white text looks on a background with the YUV color 109.6790, -39.7747, 64.3025.

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

109.6790, -39.7747, 64.3025

Protanopia

111.0660, -37.0075, 16.6051

Deuteranopia

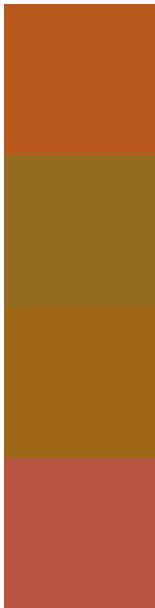
110.2760, -45.4921, 31.3299



Tritanopia

113.4810, -12.5621, 62.7222

Trichromacy



Original Color
109.6790, -39.7747, 64.3025

Protanomaly
110.5350, -38.2248, 33.7338

Deuteranomaly
109.9230, -43.3460, 43.0405

Tritanomaly
111.9620, -22.1663, 63.1773

Monochromacy



Original Color
109.6790, -39.7747, 64.3025

Achromatopsia
110.0000, 0.0000, 0.0000

Achromatomaly
110.0710, -14.3320, 23.6167

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6790, -39.7747, 64.3025 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(183, 88, 29)` looks like.

```
.text, #text, p{  
    color:rgb(183, 88, 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(183, 88, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 88, 29) }
```

Border

The CSS property to change the border of an element to YUV 109.6790, -39.7747, 64.3025 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(183, 88, 29) }
```


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

```
.border{ border-color:rgb(183, 88, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 88, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 88, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 88, 29);  
box-shadow:4px 4px 4px 4px rgb(183, 88,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 109.6790, -39.7747, 64.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 88, 29) }
```

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

```
.background{ background-color: rgb(183, 88,  
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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