

Converting Colors

YUV(102.7960, -50.6784,
61.5689)

Have a look what the booklet for
YUV(102.7960, -50.6784, 61.5689)
contains.

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Color

**YUV(102.7960, -50.6784,
61.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5700
RGB	173, 87, 0
RGB Percent	68%, 34%, 0%
CMY	0.3216, 0.6588, 1.0000
CMYK	0.00, 0.50, 1.00, 0.32
HSL	30°, 100%, 34%
HSV	30°, 100%, 68%
XYZ	20.6418, 15.7006, 1.9426
YIQ	102.7960, 79.1830, -8.8250

Conversions

Conversions Part 2

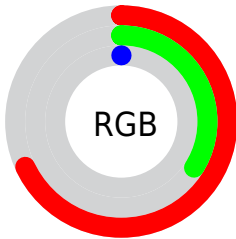
Format	Color
R_{YB}	171, 173, 0
Decimal	11360000
CIE _{Lab}	46.58, 30.80, 55.64
CIE _{LCh}	47, 63.594, 61.027
Yxy	15.7006, 0.5392, 0.4101
Android (android.graphics.Color)	4289550080 (0xFFAD5700)
YUV	102.7960, -50.6784, 61.5689
Hunter-Lab	39.6240, 23.6459, 24.8301

Details

The YUV color **102.7960, -50.6784, 61.5689** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **70.2040, 50.6784, -61.5689**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8120, -48.2213, 66.8169**, and **56.6800, -27.9432, 49.3926** is the 20% darker color. If you saturate the color by 10%, you get **102.7960, -50.6784, 61.5689**, and if you desaturate by 10%, it is **110.0170, -45.8574, 55.2361**.

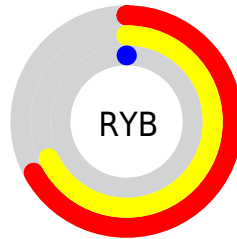
Distribution



Red (68%)

Green (34%)

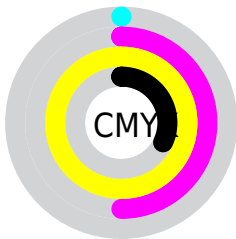
Blue (0%)



Red (67%)

Yellow (68%)

Blue (0%)

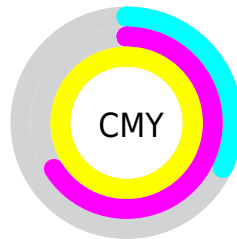


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.7960, -50.6784, 61.5689 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 102.7960, -50.6784, 61.5689 by changing the saturation by 10% instead.

102.7960,
-50.6784, 61.5689

102.7960,
-50.6784, 61.5689

254.4300, -2.1840,
0.4999

79.7380, -39.3108,
55.4808

157.8120,
-48.2213, 66.8169

56.6800, -27.9432,
49.3926

182.7900,
-48.2105, 63.3282

33.3340, -16.4337,
44.4341

201.6030,
-44.6673, 46.8292

17.0430, -8.4022,
35.0423

221.1170,
-40.9767, 29.7154


9.0840, -3.9854,
18.3433

241.2180,
-37.5755, 12.0868


0.0000, 0.0000,
0.0000


247.9320,

-27.0815, 6.1986

 251.1240,
-14.8511, 3.3993

 102.7960,
-50.6784, 61.5689

 110.0170,
-45.8574, 55.2361

 116.7650,
-40.3101, 49.3181

 123.9860,
-35.4891, 42.9853

 130.6200,
-30.3787, 37.1673

 137.9550,
-25.1208, 30.7345

■ 145.1760,
-20.2998, 24.4016

■ 151.8100,
-15.1893, 18.5836

■ 159.0310,
-10.3683, 12.2508

■ 165.7790, -4.8210,
6.3328

Harmonies

Analogous

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



101.4470, -20.9264, 85.5540



102.7960, -50.6784, 61.5689



103.4510, -51.0013, 25.0375

Triad

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



102.7960, -50.6784, 61.5689



91.3120, 9.7062, -80.0806



111.1990, 45.2579, -2.8055

Complementary

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



102.7960, -50.6784, 61.5689



70.2040, 50.6784, -61.5689

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.



93.5310, 61.3632, -82.0267



102.7960, -50.6784, 61.5689



97.3540, 32.8565, -85.3795

Square

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



102.7960, -50.6784, 61.5689



82.5800, -13.5969, -72.4227



98.9790, 51.7754, -86.8046



110.2360, 26.0127, 56.7980

Rectangle

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



102.7960, -50.6784, 61.5689



99.1550, -48.8834, -1.0129



98.9790, 51.7754, -86.8046



104.8470, 52.3334, -32.3148

Sweetspot

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



102.7960, -50.6784, 61.5689



196.9910, -19.7156, 23.6869



61.6450, 12.5000, 97.6583



95.7000, -11.6841, 14.2951



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



102.7960, -50.6784, 61.5689



133.3070, -65.7204, 79.5378



153.2780, -75.5661, 17.2962



83.0390, -2.4842, 3.4738



89.4620, -44.1048, 53.0918



13.9210, -6.8631, 7.9623

Inverse Universe

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



70.2040, 50.6784, -61.5689



91.2800, 65.4310, -80.0526



19.7220, 75.5661, -17.2962



81.3740, 2.7736, -2.9590



61.1250, 43.8154, -53.6066



9.0790, 6.8631, -7.9623

Previews

White Background



This preview shows how the YUV color 102.7960, -50.6784, 61.5689 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 102.7960, -50.6784, 61.5689 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 102.7960, -50.6784, 61.5689

Background



This preview shows how black text looks on a background with the YUV color 102.7960, -50.6784, 61.5689.



This preview shows how white text looks on a background with the YUV color 102.7960, -50.6784, 61.5689.

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

102.7960, -50.6784, 61.5689

Protanopia

104.2420, -43.9963, 18.2048

Deuteranopia

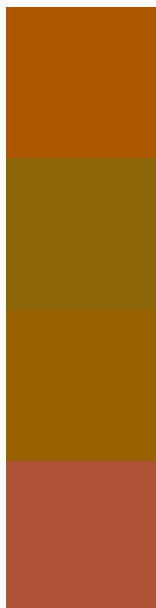
103.4950, -51.0230, 32.0149



Tritanopia

109.9750, -11.8197, 57.9039

Trichromacy



Original Color

102.7960, -50.6784, 61.5689

Protanomaly

103.4720, -46.0817, 33.7891

Deuteranomaly

102.9740, -50.7662, 42.9958

Tritanomaly

107.3160, -25.7918, 59.3589

Monochromacy



Original Color

102.7960, -50.6784, 61.5689

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7350, -18.1104, 22.1574

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7960, -50.6784, 61.5689 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(173, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 87, 0)  
}
```

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(173, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 87, 0) }
```

Border

The CSS property to change the border of an element to YUV 102.7960, -50.6784, 61.5689 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(173, 87, 0) }
```


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

```
.border{ border-color:rgb(173, 87, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 87, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 102.7960, -50.6784, 61.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 87, 0) }
```

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

```
.background{ background-color: rgb(173, 87,  
0) }
```

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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