

Converting Colors

YUV(102.8840, -50.7218,
75.5237)

Have a look what the booklet for
YUV(102.8840, -50.7218, 75.5237)
contains.

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Color

**YUV(102.8840, -50.7218,
75.5237)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BD4F00 |
| RGB | 189, 79, 0 |
| RGB Percent | 74%, 31%, 0% |
| CMY | 0.2588, 0.6902, 1.0000 |
| CMYK | 0.00, 0.58, 1.00, 0.26 |
| HSL | 25°, 100%, 37% |
| HSV | 25°, 100%, 74% |
| XYZ | 23.7822, 16.4108, 1.9141 |
| YIQ | 102.8840, 90.9190, -1.2490 |

Conversions

Conversions Part 2

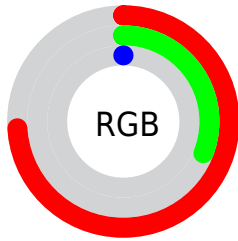
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 189, 136, 0 |
| Decimal | 12406528 |
| CIELab | 47.51, 41.33, 57.49 |
| CIELCh | 48, 70.805, 54.292 |
| Yxy | 16.4108, 0.5648, 0.3897 |
| Android (android.graphics.Color) | 4290596608 (0xFFBD4F00) |
| YUV | 102.8840, -50.7218, 75.5237 |
| Hunter-Lab | 40.5102, 33.8987, 25.5557 |

Details

The YUV color **102.8840, -50.7218, 75.5237** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **86.1160, 50.7218, -75.5237**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9710, -49.2857, 81.5864**, and **54.1210, -26.6817, 64.7919** is the 20% darker color. If you saturate the color by 10%, you get **102.8840, -50.7218, 75.5237**, and if you desaturate by 10%, it is **111.5070, -45.6060, 67.9614**.

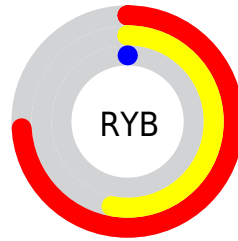
Distribution



Red (74%)

Green (31%)

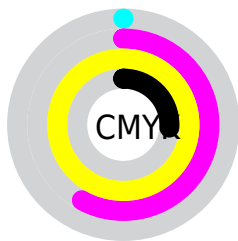
Blue (0%)



Red (74%)

Yellow (53%)

Blue (0%)

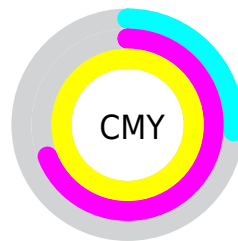


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8840, -50.7218, 75.5237 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 102.8840, -50.7218, 75.5237 by changing the saturation by 10% instead.

■ 102.8840,
-50.7218, 75.5237

■ 102.8840,
-50.7218, 75.5237

■ 254.4300, -2.1840,
0.4999

■ 78.3530, -38.6280,
69.8504

■ 158.9710,
-49.2857, 81.5864

■ 54.1210, -26.6817,
64.7919

■ 178.6810,
-46.1847, 66.9318

■ 29.3020, -14.4459,
60.2481

■ 198.0810,
-42.9309, 49.9180

■ 20.6310, -10.1711,
42.4196

■ 217.4810,
-39.6771, 32.9042


■ 12.9710, -5.9017,
26.3354

■ 237.6960,
-35.8391, 15.1756


■ 0.0000, 0.0000,
0.0000


■ 247.8180,


-27.5183, 6.2986


 251.1240,
-14.8511, 3.3993

 102.8840,
-50.7218, 75.5237

 111.5070,
-45.6060, 67.9614

 120.1300,
-40.4901, 60.3990

 128.7530,
-35.3742, 52.8366

 137.3760,
-30.2584, 45.2742

 145.9990,
-25.1425, 37.7119

■ 154.5080,
-20.4634, 30.2495

■ 163.1310,
-15.3476, 22.6871

■ 171.7540,
-10.2317, 15.1247

■ 180.3770, -5.1159,
7.5624

Harmonies

Analogous

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



97.2670, -14.4286, 101.4978



102.8840, -50.7218, 75.5237



105.8760, -52.1969, 35.1887

Triad

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



102.8840, -50.7218, 75.5237



91.7050, 3.5964, -80.4253



108.3190, 56.5377, -27.4668

Complementary

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



102.8840, -50.7218, 75.5237



86.1160, 50.7218, -75.5237

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.



99.3500, 65.8894, -87.1299



102.8840, -50.7218, 75.5237



99.2460, 29.9517, -87.0387

Square

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



102.8840, -50.7218, 75.5237



81.9470, -23.6379, -71.8675



103.1850, 52.6598, -90.4932



112.7930, 34.6121, 51.9245

Rectangle

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



102.8840, -50.7218, 75.5237



103.0420, -50.7997, 6.9792



103.1850, 52.6598, -90.4932



91.3770, 68.3411, -80.1376

Sweetspot

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



102.8840, -50.7218, 75.5237



211.3230, -19.8792, 29.5347



69.0510, 20.1879, 105.1953



102.3090, -11.9843, 17.2690



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



102.8840, -50.7218, 75.5237



133.1290, -65.6326, 98.1109



158.0620, -77.9246, 27.1326



90.0390, -2.4842, 3.4738



85.9840, -42.3901, 63.1580



16.9000, -8.3317, 12.3657

Inverse Universe

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



86.1160, 50.7218, -75.5237



111.2840, 65.9220, -97.5961



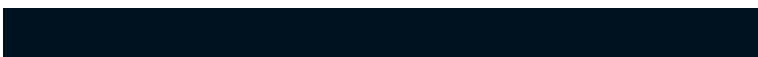
30.9380, 77.9246, -27.1326



88.9610, 2.4842, -3.4738



72.0160, 42.3901, -63.1580



14.1000, 8.3317, -12.3657

Previews

White Background



This preview shows how the YUV color 102.8840, -50.7218, 75.5237 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 102.8840, -50.7218, 75.5237 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 102.8840, -50.7218, 75.5237

Background



This preview shows how black text looks on a background with the YUV color 102.8840, -50.7218, 75.5237.



This preview shows how white text looks on a background with the YUV color 102.8840, -50.7218, 75.5237.

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

102.8840, -50.7218, 75.5237

Protanopia

107.2420, -43.9963, 18.2048

Tritanopia

109.4390, -15.4994, 71.5290

Trichromacy



Original Color

102.8840, -50.7218, 75.5237

Protanomaly

105.3910, -46.5348, 39.1221

Tritanomaly

107.1220, -28.1611, 72.6840

Monochromacy



Original Color

102.8840, -50.7218, 75.5237

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7680, -18.1266, 27.3905

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8840, -50.7218, 75.5237 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(189, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 79, 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(189, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 79, 0) }
```

Border

The CSS property to change the border of an element to YUV 102.8840, -50.7218, 75.5237 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(189, 79, 0) }
```

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

```
.border{ border-color:rgb(189, 79, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 79, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 79, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 79, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 79, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 102.8840, -50.7218, 75.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 79, 0) }
```

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

```
.background{ background-color: rgb(189, 79,  
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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