

Converting Colors

YUV(105.4040, 57.4818,
-50.3433)

Have a look what the booklet for
YUV(105.4040, 57.4818, -50.3433)
contains.

YUV(105.4040, 57.4818, -50.3433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(105.4040, 57.4818,
-50.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	3070DE
RGB	48, 112, 222
RGB Percent	19%, 44%, 87%
CMY	0.8118, 0.5608, 0.1294
CMYK	0.78, 0.50, 0.00, 0.13
HSL	218°, 72%, 53%
HSV	218°, 78%, 87%
XYZ	20.1979, 17.4906, 71.4187
YIQ	105.4040, -73.4540, 20.6420

Conversions

Conversions Part 2

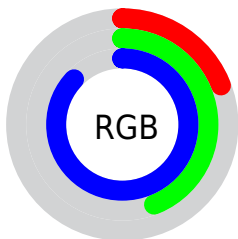
Format	Color
R_{YB}	48, 95, 222
Decimal	3174622
CIE _{Lab}	48.87, 18.75, -61.92
CIE _{LCh}	49, 64.700, 286.846
Yxy	17.4906, 0.1851, 0.1603
Android (android.graphics.Color)	4281364702 (0xFF3070DE)
YUV	105.4040, 57.4818, -50.3433
Hunter-Lab	41.8218, 13.0187, -71.9737




Details

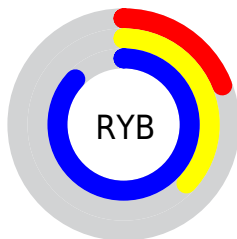
The YUV color **105.4040, 57.4818, -50.3433** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **164.5960, -57.4818, 50.3433**, and the grayscale version is **105.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **160.6310, 46.5239, -35.6334**, and **57.0790, 53.6981, -50.0583** is the 20% darker color. If you saturate the color by 10%, you get **90.6080, 64.7763, -56.6612**, and if you desaturate by 10%, it is **120.2000, 50.1874, -44.0254**.

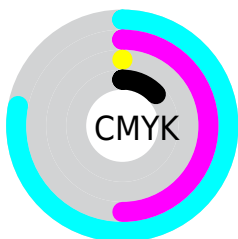
Distribution







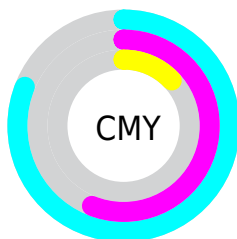
-  Red (19%)
-  Green (44%)
-  Blue (87%)






-  Red (19%)
-  Yellow (37%)
-  Blue (87%)



-  Cyan (78%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (13%)



-  Cyan (81%)
-  Magenta (56%)
-  Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.4040, 57.4818, -50.3433 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 105.4040, 57.4818, -50.3433 by changing the saturation by 10% instead.

■ 105.4040, 57.4818,
-50.3433

■ 105.4040, 57.4818,
-50.3433

■ 255.0000, 0.0000,
0.0000

■ 73.7720, 59.2724,
-64.6980

■ 160.6310, 46.5239,
-35.6334

■ 57.0790, 53.6981,
-50.0583

■ 185.7490, 34.1407,
-30.4749

■ 41.6740, 47.9817,
-36.5481

■ 211.1550, 21.6156,
-26.4459

■ 28.1440, 41.8340,
-24.6823

■ 236.8600, 8.9430,
-21.8022

■ 11.2060, 37.8594,
-9.8277

■ 251.4120, 1.7689,
-7.3773

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 105.4040, 57.4818,
-50.3433

■ 105.4040, 57.4818,
-50.3433

■ 90.6080, 64.7763,
-56.6612

■ 120.2000, 50.1874,
-44.0254

■ 75.8120, 72.0707,
-62.9791

■ 134.9960, 42.8930,
-37.7075

■ 73.4420, 73.2391,
-64.4086

■ 150.0910, 35.4511,
-30.7748

■ 164.8870, 28.1567,
-24.4569

■ 179.6830, 20.8623,
-18.1390

■ 194.4790, 13.5679,
-11.8211

■ 209.2750, 6.2734,
-5.5032

■ 224.3700, -1.1684,
1.4295

■ 239.1660, -8.4628,
7.7474

Harmonies

Analogous

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



101.1450, 60.0745, -88.7042



105.4040, 57.4818, -50.3433



119.0140, 35.9821, 32.4367

Triad

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



105.4040, 57.4818, -50.3433



109.6680, -36.3183, 75.7132



91.7390, -1.3503, -80.4551

Complementary

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



105.4040, 57.4818, -50.3433



164.5960, -57.4818, 50.3433

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.



93.6680, -30.4023, -48.8208



105.4040, 57.4818, -50.3433



109.4750, -53.9712, 44.3104

Square

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



105.4040, 57.4818, -50.3433



106.2920, -9.0180, 92.7059



105.3900, -51.9573, 4.9200



99.4110, 22.9684, -87.1834

Rectangle

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



105.4040, 57.4818, -50.3433



114.3790, 22.4912, 66.3196



105.3900, -51.9573, 4.9200



88.9860, -9.3601, -78.0407

Sweetspot

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



105.4040, 57.4818, -50.3433



213.8680, 20.2781, -17.4242



162.3360, -3.6166, -100.2727



102.8490, 12.3994, -10.3916



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



105.4040, 57.4818, -50.3433



94.0160, 79.3651, -69.2970



73.8160, 73.0547, -5.1006



104.6020, 3.6472, -3.1590



58.2190, 58.0660, -51.0581



16.0380, 15.7573, -14.0653

Inverse Universe

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



107.3220, 2.3063, 100.5726



96.7920, 3.0605, 138.7484



196.1840, -73.0547, 5.1006



104.7450, 0.1257, 6.3626



60.0340, 2.4482, 101.7022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 105.4040, 57.4818, -50.3433 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 105.4040, 57.4818, -50.3433 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 105.4040, 57.4818, -50.3433

Background



This preview shows how black text looks on a background with the YUV color 105.4040, 57.4818, -50.3433.



This preview shows how white text looks on a background with the YUV color 105.4040, 57.4818, -50.3433.

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

105.4040, 57.4818, -50.3433

Protanopia

106.6000, 56.8922, -47.8842

Deuteranopia

92.7500, 55.8323, -81.3418



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

105.4040, 57.4818, -50.3433

Protanomaly

106.3010, 57.0396, -48.4990

Deuteranomaly

97.3430, 56.5259, -70.4608

Tritanomaly

95.8490, 35.5704, -69.1506

Monochromacy



Original Color

105.4040, 57.4818, -50.3433

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3840, 21.0097, -18.7538

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.4040, 57.4818, -50.3433 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(48, 112, 222)` looks like.

```
.text, #text, p{  
    color:rgb(48, 112, 222)  
}
```

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(48, 112, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 112, 222) }
```

Border

The CSS property to change the border of an element to YUV 105.4040, 57.4818, -50.3433 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(48, 112, 222) }
```


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

```
.border{ border-color:rgb(48, 112, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 112, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 112, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 112, 222);  
box-shadow:4px 4px 4px 4px rgb(48, 112,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 105.4040, 57.4818, -50.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 112, 222) }
```

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

```
.background{ background-color: rgb(48, 112,  
222) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor