

Converting Colors

YUV(58.3160, 64.4272,
-37.9881)

Have a look what the booklet for
YUV(58.3160, 64.4272, -37.9881)
contains.

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Color

**YUV(58.3160, 64.4272,
-37.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	0F37BD
RGB	15, 55, 189
RGB Percent	6%, 22%, 74%
CMY	0.9412, 0.7843, 0.2588
CMYK	0.92, 0.71, 0.00, 0.26
HSL	226°, 85%, 40%
HSV	226°, 92%, 74%
XYZ	10.7485, 6.5081, 48.8338
YIQ	58.3160, -66.8540, 33.1940

Conversions

Conversions Part 2

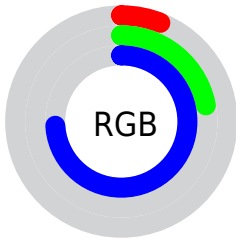
Format	Color
R_{YB}	15, 48, 189
Decimal	997309
CIE _{Lab}	30.66, 40.67, -72.64
CIE _{LCh}	31, 83.254, 299.244
Yxy	6.5081, 0.1626, 0.0985
Android (android.graphics.Color)	4279187389 (0xFF0F37BD)
YUV	58.3160, 64.4272, -37.9881
Hunter-Lab	25.5109, 30.5633, -95.6372

Details

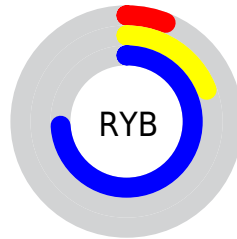
The YUV color **58.3160, 64.4272, -37.9881** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **145.6840, -64.4272, 37.9881**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.1170, 63.0463, -15.0116**, and **23.4940, 54.4795, -20.6042** is the 20% darker color. If you saturate the color by 10%, you get **46.7870, 70.1110, -41.0322**, and if you desaturate by 10%, it is **72.8020, 57.2856, -34.0294**.

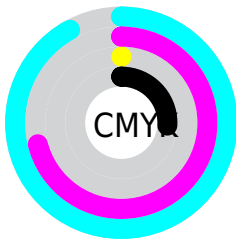
Distribution



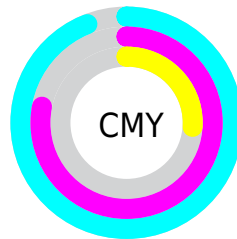
- Red (6%)
- Green (22%)
- Blue (74%)



- Red (6%)
- Yellow (19%)
- Blue (74%)



- Cyan (92%)
- Magenta (71%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (78%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3160, 64.4272, -37.9881 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 58.3160, 64.4272, -37.9881 by changing the saturation by 10% instead.

■ 58.3160, 64.4272,
-37.9881

■ 58.3160, 64.4272,
-37.9881

■ 255.0000, 0.0000,
0.0000

■ 37.7250, 60.7746,
-33.0848

■ 118.1170, 63.0463,
-15.0116

■ 23.4940, 54.4795,
-20.6042

■ 143.0870, 55.1731,
-9.7233

■ 12.3120, 47.1742,
-10.7976

■ 167.6180, 43.0793,
-4.0500

■ 15.9190, 33.0709,
-13.9610

■ 192.7360, 30.6962,
1.1085

■ 10.2480, 24.0347,
-8.9875

■ 218.1420, 18.1710,
5.1375

■ 5.2780, 15.1459,
-4.6288

■ 243.8470, 5.4984,

■ 1.3680, 5.2416,

9.7812

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 58.3160, 64.4272,
-37.9881

■ 58.3160, 64.4272,
-37.9881

■ 46.7870, 70.1110,
-41.0322

■ 72.8020, 57.2856,
-34.0294

■ 86.7010, 50.4334,
-29.5558

■ 101.1870, 43.2918,
-25.5970

■ 115.0860, 36.4396,
-21.1234

■ 129.5720, 29.2980,
-17.1646

■ 143.1720, 22.5932,
-13.3058

■ 157.6580, 15.4516,
-9.3471

■ 171.5570, 8.5994,
-4.8735

■ 186.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



72.9060, 66.1083, -63.9386



58.3160, 64.4272, -37.9881



58.7170, 40.0725, 73.9162

Triad

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



58.3160, 64.4272, -37.9881



60.9320, -30.0395, 68.4656



63.0440, 2.9363, -55.2896

Complementary

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



58.3160, 64.4272, -37.9881



145.6840, -64.4272, 37.9881

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.



54.0040, -26.6240, -47.3615



58.3160, 64.4272, -37.9881



68.2990, -33.6714, 19.9088

Square

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



58.3160, 64.4272, -37.9881



52.4260, -18.9440, 103.1124



51.6890, -25.4827, -40.0693



71.7420, 31.1862, -62.9177

Rectangle

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



58.3160, 64.4272, -37.9881



61.8170, 18.3312, 93.9995



51.6890, -25.4827, -40.0693



60.4220, -7.1100, -52.9901

Sweetspot

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



58.3160, 64.4272, -37.9881



193.2580, 25.5088, -15.1353



132.3000, 7.7401, -102.8721



90.9570, 15.3042, -8.7323



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.



58.3160, 64.4272, -37.9881



60.8020, 90.8096, -53.3234



48.5900, 69.2221, 10.8836



87.2000, 3.3524, -1.9294



39.1440, 58.5960, -34.3293



7.6430, 11.5150, -6.7029

Inverse Universe

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



71.5860, -8.1769, 102.9721



79.6390, -11.6540, 145.0216



155.4100, -69.2221, -10.8836



87.9190, -0.4531, 5.3330



51.3460, -7.5656, 93.5356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 58.3160, 64.4272, -37.9881 looks on a white background.

Color Contrast Check

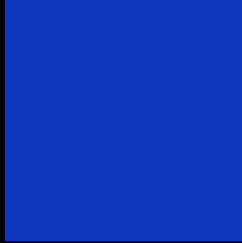
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 58.3160, 64.4272, -37.9881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

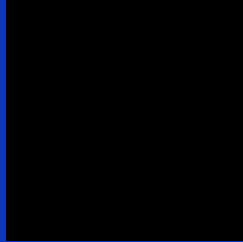
Any Text WCAG AA × Fail

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 58.3160, 64.4272, -37.9881 Background



This preview shows how black text looks on a background with the YUV color 58.3160, 64.4272, -37.9881.



This preview shows how white text looks on a background with the YUV color 58.3160, 64.4272, -37.9881.

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

58.3160, 64.4272, -37.9881

Protanopia

57.7340, 43.5151, -50.6327

Deuteranopia

57.6880, 33.1848, -50.5924



Tritanopia

56.5360, 13.5398, -49.5821

Trichromacy



Original Color

58.3160, 64.4272, -37.9881

Protanomaly

58.1180, 51.2138, -46.5845

Deuteranomaly

57.6960, 44.5199, -46.2144

Tritanomaly

57.0800, 32.0056, -45.6742

Monochromacy



Original Color

58.3160, 64.4272, -37.9881

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1010, 23.6142, -14.1206

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3160, 64.4272, -37.9881 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(15, 55, 189)` looks like.

```
.text, #text, p{  
    color:rgb(15, 55, 189)  
}
```

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(15, 55, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 55, 189) }
```

Border

The CSS property to change the border of an element to YUV 58.3160, 64.4272, -37.9881 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(15, 55, 189) }
```


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

```
.border{ border-color:rgb(15, 55, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 55, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 55, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 55, 189);  
box-shadow:4px 4px 4px 4px rgb(15, 55,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 58.3160, 64.4272, -37.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 55, 189) }
```

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

```
.background{ background-color: rgb(15, 55,  
189) }
```

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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