

Converting Colors

YUV(57.6080, 31.2523,
-37.3672)

Have a look what the booklet for
YUV(57.6080, 31.2523, -37.3672)
contains.

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Color

**YUV(57.6080, 31.2523,
-37.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4379
RGB	15, 67, 121
RGB Percent	6%, 26%, 47%
CMY	0.9412, 0.7373, 0.5255
CMYK	0.88, 0.45, 0.00, 0.53
HSL	211°, 78%, 27%
HSV	211°, 88%, 47%
XYZ	5.6553, 5.4963, 18.8520
YIQ	57.6080, -48.3260, 5.7700

Conversions

Conversions Part 2

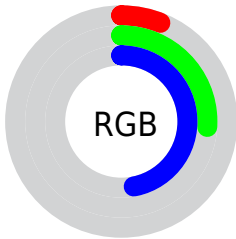
Format	Color
R_{YB}	15, 50, 121
Decimal	1000313
CIE _{Lab}	28.10, 5.09, -35.43
CIE _{LCh}	28, 35.793, 278.181
Yxy	5.4963, 0.1885, 0.1832
Android (android.graphics.Color)	4279190393 (0xFF0F4379)
YUV	57.6080, 31.2523, -37.3672
Hunter-Lab	23.4443, 2.0312, -31.2652

Details

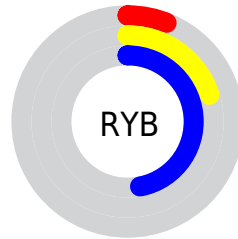
The YUV color **57.6080, 31.2523, -37.3672** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **78.3920, -31.2523, 37.3672**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9620, 31.0777, -28.0307**, and **22.8830, 24.2147, -20.0684** is the 20% darker color. If you saturate the color by 10%, you get **50.4980, 34.7575, -41.6557**, and if you desaturate by 10%, it is **64.7180, 27.7470, -33.0787**.

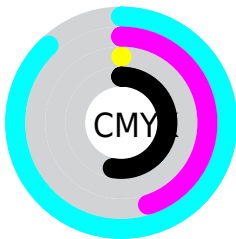
Distribution



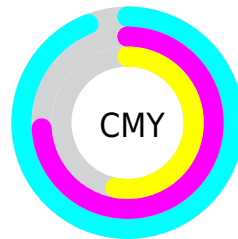
- Red (6%)
- Green (26%)
- Blue (47%)



- Red (6%)
- Yellow (20%)
- Blue (47%)



- Cyan (88%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.6080, 31.2523, -37.3672 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 57.6080, 31.2523, -37.3672 by changing the saturation by 10% instead.

■ 57.6080, 31.2523,
-37.3672

■ 57.6080, 31.2523,
-37.3672

■ 255.0000, 0.0000,
0.0000

■ 37.3590, 28.9100,
-32.7638

■ 110.9620, 31.0777,
-28.0307

■ 22.8830, 24.2147,
-20.0684

■ 137.0870, 31.5091,
-26.3863

■ 7.9340, 20.2455,
-6.9581

■ 163.7280, 32.6721,
-26.0715

■ 3.6650, 11.5042,
-3.2142

■ 190.7990, 31.6511,
-25.2567

■ 0.0000, 0.0000,
0.0000

■ 215.9060, 19.2733,
-21.8426

■ 241.3010, 6.7536,

-19.5580

■ 253.2060, 0.8844,
-3.6887

■ 57.6080, 31.2523,
-37.3672

■ 57.6080, 31.2523,
-37.3672

■ 50.4980, 34.7575,
-41.6557

■ 64.7180, 27.7470,
-33.0787

■ 48.4270, 35.7785,
-42.4705

■ 71.8280, 24.2418,
-28.7902

■ 78.9380, 20.7366,
-24.5016

■ 86.6350, 16.9419,
-20.7279

■ 93.7450, 13.4367,
-16.4394

■ 101.1540, 9.7841,
-11.5361

■ 108.2640, 6.2788,
-7.2475

■ 115.3740, 2.7736,
-2.9590

■ 122.4840, -0.7316,
1.3295

Harmonies

Analogous

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



57.3630, 29.4010, -50.3074



57.6080, 31.2523, -37.3672



68.4350, 20.4915, 7.5115

Triad

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



57.6080, 31.2523, -37.3672



64.3660, -14.9704, 41.7750



50.9160, -2.9166, -44.6533

Complementary

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



57.6080, 31.2523, -37.3672



78.3920, -31.2523, 37.3672

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.



58.7600, -19.6017, -12.9445



57.6080, 31.2523, -37.3672



63.5310, -25.4048, 28.4753

Square

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



57.6080, 31.2523, -37.3672



64.4170, -2.1776, 45.2383



61.6120, -28.4027, 9.9873



54.6950, 9.0244, -47.9675

Rectangle

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



57.6080, 31.2523, -37.3672



67.8350, 13.8853, 26.4547



61.6120, -28.4027, 9.9873



52.2930, -8.0324, -37.0910

Sweetspot

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



57.6080, 31.2523, -37.3672



133.4140, 12.1209, -14.3951



83.2640, -7.5252, -59.8675



64.7800, 7.0105, -8.5771



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



57.6080, 31.2523, -37.3672



63.7980, 46.4416, -55.9508



27.0840, 46.3006, -10.5977



57.4450, 1.7526, -2.1443



50.0570, 36.9469, -43.9000



101.5160, 74.1886, -89.0295

Inverse Universe

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



52.6220, 7.0884, 59.9675



56.1340, 10.7799, 89.3365



108.9160, -46.3006, 10.5977



57.1360, 0.4260, 3.3887



44.3290, 8.2188, 70.7485



89.4840, 17.0164, 142.5265

Previews

White Background



This preview shows how the YUV color 57.6080, 31.2523, -37.3672 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 57.6080, 31.2523, -37.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

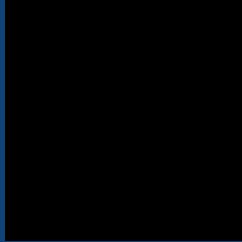
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.6080, 31.2523, -37.3672

Background



This preview shows how black text looks on a background with the YUV color 57.6080, 31.2523, -37.3672.



This preview shows how white text looks on a background with the YUV color 57.6080, 31.2523, -37.3672.

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

57.6080, 31.2523, -37.3672

Protanopia

63.9800, 27.1249, -20.1535

Deuteranopia

53.5960, 32.7372, -47.0037



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

57.6080, 31.2523, -37.3672

Protanomaly

61.9900, 28.5989, -26.3012

Deuteranomaly

55.0910, 32.0001, -43.9298

Tritanomaly

53.8880, 19.7752, -42.8748

Monochromacy



Original Color

57.6080, 31.2523, -37.3672

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.5990, 11.5367, -13.6803

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.6080, 31.2523, -37.3672 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, 67, 121)` looks like.

```
.text, #text, p{  
    color:rgb(15, 67, 121)  
}
```

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, 67, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 67, 121) }
```

Border

The CSS property to change the border of an element to YUV 57.6080, 31.2523, -37.3672 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, 67, 121) }
```


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

```
.border{ border-color:rgb(15, 67, 121) }
```

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

Here you see how a box with a 4 pixel rgb(15, 67, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 67, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 67, 121);  
box-shadow:4px 4px 4px 4px rgb(15, 67,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 57.6080, 31.2523, -37.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 67, 121) }
```

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

```
.background{ background-color: rgb(15, 67,  
121) }
```

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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