

Converting Colors

YUV(57.1120, 80.7968,
-15.0072)

Have a look what the booklet for
YUV(57.1120, 80.7968, -15.0072)
contains.

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Color

**YUV(57.1120, 80.7968,
-15.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	2822DD
RGB	40, 34, 221
RGB Percent	16%, 13%, 87%
CMY	0.8431, 0.8667, 0.1333
CMYK	0.82, 0.85, 0.00, 0.13
HSL	242°, 73%, 50%
HSV	242°, 85%, 87%
XYZ	14.4982, 6.8156, 68.9580
YIQ	57.1120, -56.4510, 59.4290

Conversions

Conversions Part 2

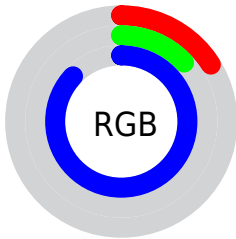
Format	Color
RYB	40, 34, 221
Decimal	2630365
CIELab	31.38, 62.92, -90.06
CIELCh	31, 109.858, 304.939
Yxy	6.8156, 0.1606, 0.0755
Android (android.graphics.Color)	4280820445 (0xFF2822DD)
YUV	57.1120, 80.7968, -15.0072
Hunter-Lab	26.1068, 53.4422, -138.3330

Details

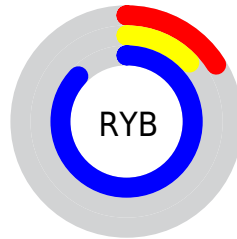
The YUV color **57.1120, 80.7968, -15.0072** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **197.8880, -80.7968, 15.0072**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.7310, 68.6596, 4.6209**, and **18.6960, 71.6349, -16.3964** is the 20% darker color. If you saturate the color by 10%, you get **37.9190, 90.2589, -16.5920**, and if you desaturate by 10%, it is **76.3050, 71.3346, -13.4225**.

Distribution



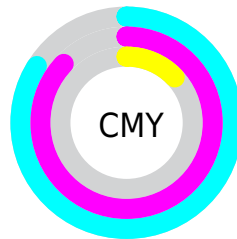
- Red (16%)
- Green (13%)
- Blue (87%)



- Red (16%)
- Yellow (13%)
- Blue (87%)



- Cyan (82%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1120, 80.7968, -15.0072 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 57.1120, 80.7968, -15.0072 by changing the saturation by 10% instead.

■ 57.1120, 80.7968,
-15.0072

■ 57.1120, 80.7968,
-15.0072

■ 255.0000, 0.0000,
0.0000

■ 23.6490, 82.9970,
-20.7402

■ 115.7310, 68.6596,
4.6209

■ 18.6960, 71.6349,
-16.3964

■ 140.8600, 56.2710,
11.5238

■ 15.6180, 59.8413,
-13.6970

■ 165.6900, 44.0298,
17.8119

■ 12.5400, 48.0478,
-10.9976

■ 190.8080, 31.6467,
22.9704

■ 16.7340, 33.6551,
-14.6757

■ 216.8120, 18.8267,
28.2289

■ 10.3620, 24.4715,
-9.0875

■ 235.6290, 9.5499,

■ 5.5060, 16.0195,

16.9884

-4.8288

252.6520, 1.1576,
2.0592

2.2970, 6.2626,
-2.0145

0.0000, 0.0000,
0.0000

57.1120, 80.7968,
-15.0072

57.1120, 80.7968,
-15.0072

37.9190, 90.2589,
-16.5920

76.3050, 71.3346,
-13.4225

27.2870, 95.5005,
-17.7917

95.7970, 61.7251,
-11.2230

114.9900, 52.2629,
-9.6382

134.4820, 42.6534,
-7.4387

■ 154.2620, 32.9018,
-6.3688

■ 173.4550, 23.4397,
-4.7840

■ 192.9470, 13.8301,
-2.5845

■ 212.1400, 4.3680,
-0.9998

■ 231.6320, -5.2416,
1.1997

Harmonies

Analogous

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



80.0250, 85.7697, -70.1819



57.1120, 80.7968, -15.0072



70.2080, 38.8445, 94.5336

Triad

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



57.1120, 80.7968, -15.0072



59.7910, -29.4770, 74.7283



68.0310, 9.3517, -59.6632

Complementary

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



57.1120, 80.7968, -15.0072



197.8880, -80.7968, 15.0072

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.



56.9390, -28.0709, -49.9355



57.1120, 80.7968, -15.0072



68.8200, -33.9283, 8.9279

Square

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



57.1120, 80.7968, -15.0072



57.1090, -28.1547, 117.4224



54.0040, -26.6240, -47.3615



79.7100, 46.4850, -69.9057

Rectangle

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



57.1120, 80.7968, -15.0072



71.5980, 10.5512, 116.1166



54.0040, -26.6240, -47.3615



64.4970, -4.1890, -56.5639

Sweetspot

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



57.1120, 80.7968, -15.0072



198.8940, 27.6603, -5.1690



163.3260, 28.4333, -113.4189



93.7450, 16.8877, -3.2844



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.



57.1120, 80.7968, -15.0072



31.4620, 110.2042, -20.5762



84.3210, 67.3827, 40.9375



100.2540, 4.8048, -1.0998



21.5160, 74.6816, -13.6075



5.5430, 19.9453, -3.9842

Inverse Universe

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



110.5470, 51.4953, 96.8673



104.4030, 70.3003, 132.0736



170.6790, -67.3827, -40.9375



103.4290, 2.7465, 5.7628



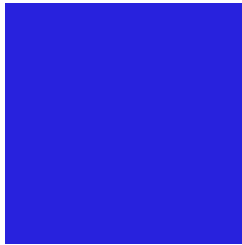
70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 57.1120, 80.7968, -15.0072 looks on a white background.

Color Contrast Check

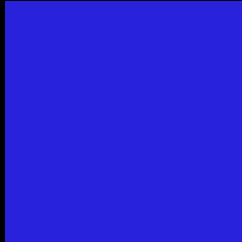
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.1120, 80.7968, -15.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

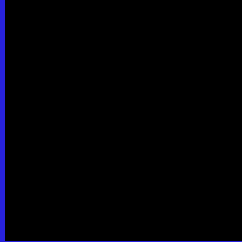
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1120, 80.7968, -15.0072

Background



This preview shows how black text looks on a background with the YUV color 57.1120, 80.7968, -15.0072.



This preview shows how white text looks on a background with the YUV color 57.1120, 80.7968, -15.0072.

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

57.1120, 80.7968, -15.0072

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

58.9760, 33.0428, -51.7220



Tritanopia

57.9380, 13.8346, -50.8116

Trichromacy



Original Color

57.1120, 80.7968, -15.0072

Protanomaly

58.4810, 57.4439, -38.1328

Deuteranomaly

58.6460, 50.4605, -38.2775

Tritanomaly

58.0300, 37.9462, -37.7373

Monochromacy



Original Color

57.1120, 80.7968, -15.0072

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.3500, 29.4074, -5.5690

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1120, 80.7968, -15.0072 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(40, 34, 221)` looks like.

```
.text, #text, p{  
    color:rgb(40, 34, 221)  
}
```

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(40, 34, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 34, 221) }
```

Border

The CSS property to change the border of an element to YUV 57.1120, 80.7968, -15.0072 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(40, 34, 221) }
```


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

```
.border{ border-color:rgb(40, 34, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 34, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 34, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 34, 221);  
box-shadow:4px 4px 4px 4px rgb(40, 34,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 57.1120, 80.7968, -15.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 34, 221) }
```

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

```
.background{ background-color: rgb(40, 34,  
221) }
```

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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