

Converting Colors

YUV(82.4650, 38.2248,
-33.7338)

Have a look what the booklet for
YUV(82.4650, 38.2248, -33.7338)
contains.

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Color

**YUV(82.4650, 38.2248,
-33.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	2C57A0
RGB	44, 87, 160
RGB Percent	17%, 34%, 63%
CMY	0.8275, 0.6588, 0.3725
CMYK	0.72, 0.46, 0.00, 0.37
HSL	218°, 57%, 40%
HSV	218°, 72%, 63%
XYZ	10.7921, 9.8899, 34.5978
YIQ	82.4650, -49.0610, 13.5870

Conversions

Conversions Part 2

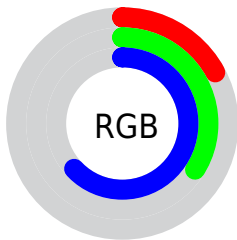
Format	Color
R_{YB}	44, 75, 160
Decimal	2906016
CIE _{Lab}	37.64, 10.89, -43.99
CIE _{LCh}	38, 45.316, 283.908
Yxy	9.8899, 0.1952, 0.1789
Android (android.graphics.Color)	4281096096 (0xFF2C57A0)
YUV	82.4650, 38.2248, -33.7338
Hunter-Lab	31.4483, 6.2212, -43.2142

Details

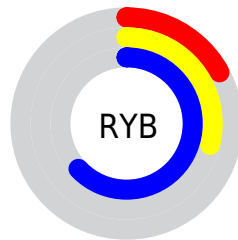
The YUV color **82.4650, 38.2248, -33.7338** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.5350, -38.2248, 33.7338**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4380, 39.2241, -27.5711**, and **37.5530, 34.7304, -32.9340** is the 20% darker color. If you saturate the color by 10%, you get **71.8110, 43.4772, -38.4222**, and if you desaturate by 10%, it is **93.1190, 32.9723, -29.0454**.

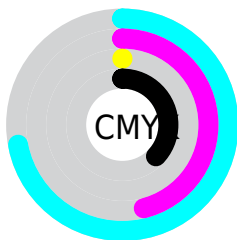
Distribution



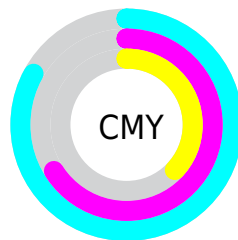
- Red (17%)
- Green (34%)
- Blue (63%)



- Red (17%)
- Yellow (29%)
- Blue (63%)



- Cyan (72%)
- Magenta (46%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (66%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.4650, 38.2248, -33.7338 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 82.4650, 38.2248, -33.7338 by changing the saturation by 10% instead.

■ 82.4650, 38.2248,
-33.7338

■ 82.4650, 38.2248,
-33.7338

■ 255.0000, 0.0000,
0.0000

■ 52.7300, 39.5731,
-46.2442

■ 135.4380, 39.2241,
-27.5711

■ 37.5530, 34.7304,
-32.9340

■ 162.6770, 40.0922,
-26.0267

■ 22.9630, 29.5982,
-20.1386

■ 188.1520, 32.9561,
-23.8123

■ 9.6610, 24.3241,
-8.4727

■ 213.2590, 20.5783,
-20.3981

■ 5.3920, 15.5827,
-4.7288

■ 238.3660, 8.2006,
-16.9840

■ 2.0690, 5.3890,
-1.8145

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 82.4650, 38.2248,
-33.7338

■ 82.4650, 38.2248,
-33.7338

■ 71.8110, 43.4772,
-38.4222

■ 93.1190, 32.9723,
-29.0454

■ 61.1570, 48.7296,
-43.1107

■ 103.7730, 27.7199,
-24.3569

■ 52.8730, 52.8136,
-46.3696

■ 114.4270, 22.4675,
-19.6685

■ 125.0810, 17.2151,
-14.9800

■ 135.7350, 11.9626,
-10.2916

■ 146.3890, 6.7102,
-5.6032

■ 157.0430, 1.4578,
-0.9147

■ 168.2840, -4.0840,
3.2589

■ 178.9380, -9.3364,
7.9474

Harmonies

Analogous

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



75.6520, 41.0906, -66.3468



82.4650, 38.2248, -33.7338



91.3530, 24.9690, 18.1074

Triad

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



82.4650, 38.2248, -33.7338



85.3690, -22.8599, 52.2964



68.6860, -0.8312, -60.2376

Complementary

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



82.4650, 38.2248, -33.7338



121.5350, -38.2248, 33.7338

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.



76.5860, -22.4739, -25.0699



82.4650, 38.2248, -33.7338



84.7630, -37.3512, 33.5338

Square

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



82.4650, 38.2248, -33.7338



85.4790, -6.1521, 60.0929



81.5550, -38.7276, 8.2833



74.1920, 15.1883, -65.0664

Rectangle

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



82.4650, 38.2248, -33.7338



89.6780, 15.4417, 40.6244



81.5550, -38.7276, 8.2833



66.7310, -5.7834, -58.5231

Sweetspot

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



82.4650, 38.2248, -33.7338



178.2230, 15.1731, -13.3506



120.3000, -2.1199, -66.9151



86.0620, 9.3364, -7.9474



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



82.4650, 38.2248, -33.7338



87.6640, 59.8186, -53.2023



61.4100, 48.6049, -2.9906



73.6730, 2.6262, -2.3442



47.4130, 47.1244, -41.5812



5.2320, 4.8156, -4.5885

Inverse Universe

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



83.5860, 1.6831, 67.0151



89.1700, 2.8742, 105.0909



142.5900, -48.6049, 2.9906



73.7340, 0.1311, 4.6183



48.7990, 2.0711, 82.6143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 82.4650, 38.2248, -33.7338 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 82.4650, 38.2248, -33.7338 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 82.4650, 38.2248, -33.7338

Background



This preview shows how black text looks on a background with the YUV color 82.4650, 38.2248, -33.7338.



This preview shows how white text looks on a background with the YUV color 82.4650, 38.2248,

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

82.4650, 38.2248, -33.7338

Protanopia

84.4550, 36.7507, -27.5860

Deuteranopia

72.7500, 42.5213, -58.5397



Tritanopia

69.6100, 17.9403, -61.0480

Trichromacy



Original Color

82.4650, 38.2248, -33.7338

Protanomaly

83.5580, 37.1929, -29.4304

Deuteranomaly

76.3490, 40.7469, -49.4181

Tritanomaly

74.3260, 25.4753, -51.1519

Monochromacy



Original Color

82.4650, 38.2248, -33.7338

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1800, 13.7153, -12.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4650, 38.2248, -33.7338 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(44, 87, 160)` looks like.

```
.text, #text, p{  
    color:rgb(44, 87, 160)  
}
```

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(44, 87, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 87, 160) }
```

Border

The CSS property to change the border of an element to YUV 82.4650, 38.2248, -33.7338 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(44, 87, 160) }
```


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

```
.border{ border-color:rgb(44, 87, 160) }
```

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

Here you see how a box with a 4 pixel rgb(44, 87, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 87, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 87, 160);  
box-shadow:4px 4px 4px 4px rgb(44, 87,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 82.4650, 38.2248, -33.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 87, 160) }
```

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

```
.background{ background-color: rgb(44, 87,  
160) }
```

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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