

Converting Colors

YUV(57.2050, 26.0279, 5.0822)

Have a look what the booklet for
YUV(57.2050, 26.0279, 5.0822)
contains.

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Color

**YUV(57.2050, 26.0279,
5.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2C6E
RGB	63, 44, 110
RGB Percent	25%, 17%, 43%
CMY	0.7529, 0.8275, 0.5686
CMYK	0.43, 0.60, 0.00, 0.57
HSL	257°, 43%, 30%
HSV	257°, 60%, 43%
XYZ	5.7651, 3.9839, 15.2170
YIQ	57.2050, -9.8620, 24.5540

Conversions

Conversions Part 2

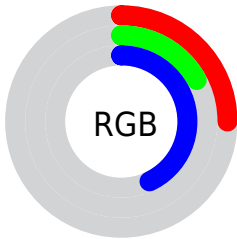
Format	Color
RYB	63, 44, 110
Decimal	4140142
CIELab	23.62, 25.68, -35.48
CIELCh	24, 43.803, 305.900
Yxy	3.9839, 0.2309, 0.1596
Android (android.graphics.Color)	4282330222 (0xFF3F2C6E)
YUV	57.2050, 26.0279, 5.0822
Hunter-Lab	19.9597, 16.6273, -31.2299

Details

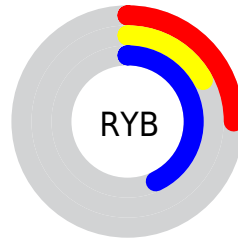
The YUV color **57.2050, 26.0279, 5.0822** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **96.7950, -26.0279, -5.0822**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3840, 27.9117, 7.5562**, and **11.2540, 25.0178, 2.4082** is the 20% darker color. If you saturate the color by 10%, you get **48.3560, 30.3905, 5.8268**, and if you desaturate by 10%, it is **66.0540, 21.6654, 4.3376**.

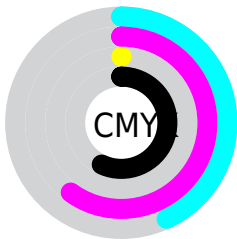
Distribution



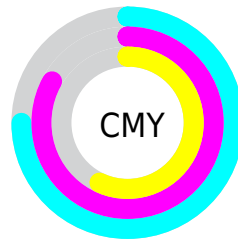
- Red (25%)
- Green (17%)
- Blue (43%)



- Red (25%)
- Yellow (17%)
- Blue (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (0%)
- Black (57%)



- Cyan (75%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.2050, 26.0279, 5.0822 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 57.2050, 26.0279, 5.0822 by changing the saturation by 10% instead.

■ 57.2050, 26.0279,
5.0822

■ 57.2050, 26.0279,
5.0822

■ 255.0000, 0.0000,
0.0000

■ 34.5530, 24.8704,
3.0230

■ 105.3840, 27.9117,
7.5562

■ 11.2540, 25.0178,
2.4082

■ 131.2100, 28.4905,
8.5858

■ 6.2070, 16.1669,
-5.4435

■ 157.7370, 29.2167,
9.0007

■ 2.4110, 6.6994,
-2.1144

■ 184.3780, 30.3796,
9.3155

■ 0.0000, 0.0000,
0.0000

■ 210.5110, 21.9331,
11.8299

■ 235.6180, 9.5553,

15.2440

252.6520, 1.1576,
2.0592

57.2050, 26.0279,
5.0822

57.2050, 26.0279,
5.0822

48.3560, 30.3905,
5.8268

66.0540, 21.6654,
4.3376

39.5070, 34.7530,
6.5714

74.9030, 17.3028,
3.5931

30.9570, 38.9682,
7.9307

83.7520, 12.9403,
2.8485

22.1080, 43.3308,
8.6753

92.3020, 8.7251,
1.4891

101.1510, 4.3626,
0.7446

■ 110.0000, 0.0000,
0.0000

■ 118.8490, -4.3626,
-0.7446

■ 127.6980, -8.7251,
-1.4891

■ 136.2480,
-12.9403, -2.8485

Harmonies

Analogous

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



47.9540, 36.5047, -42.0557



57.2050, 26.0279, 5.0822



53.2650, 15.1524, 40.1096

Triad

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



57.2050, 26.0279, 5.0822



53.0370, -26.1472, 33.2936



48.1580, 6.8241, -42.2346

Complementary

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



57.2050, 26.0279, 5.0822



96.7950, -26.0279, -5.0822

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.



43.5810, -8.1744, -38.2205



57.2050, 26.0279, 5.0822



52.5950, -25.9293, 10.0022

Square

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



57.2050, 26.0279, 5.0822



49.7200, -15.1450, 51.1116



46.8260, -23.0852, -15.6334



51.8060, 20.8016, -45.4339

Rectangle

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



57.2050, 26.0279, 5.0822



47.5890, 7.1046, 54.7344



46.8260, -23.0852, -15.6334



46.9040, 2.0193, -41.1348

Sweetspot

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



57.2050, 26.0279, 5.0822



122.0570, 10.3249, 1.7040



79.1130, 15.2273, -30.7941



58.9060, 5.9623, 0.9594



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



57.2050, 26.0279, 5.0822



60.7120, 40.5680, 8.1456



67.0720, 21.1635, 25.3699



51.2820, 2.3260, 0.6297



24.1450, 47.2565, 9.5198



49.3870, 97.4232, 18.9546

Inverse Universe

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



69.0920, 10.8006, 35.8763



79.1190, 16.7033, 56.0236



86.9280, -21.1635, -25.3699



52.2500, 0.8628, 3.2888



45.5700, 19.4390, 65.2751



93.9170, 40.4669, 134.2538

Previews

White Background



This preview shows how the YUV color 57.2050, 26.0279, 5.0822 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 57.2050, 26.0279, 5.0822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

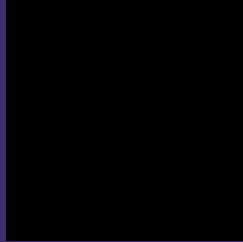
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.2050, 26.0279, 5.0822

Background



This preview shows how black text looks on a background with the YUV color 57.2050, 26.0279, 5.0822.



This preview shows how white text looks on a background with the YUV color 57.2050, 26.0279,

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

57.2050, 26.0279, 5.0822

Protanopia

44.9220, 35.0415, -39.3966

Deuteranopia

45.5600, 27.3319, -39.9561



Tritanopia

55.7760, 3.0684, -4.1886

Trichromacy



Original Color

57.2050, 26.0279, 5.0822

Protanomaly

49.2230, 31.9351, -22.9976

Deuteranomaly

49.8440, 26.6989, -23.5422

Tritanomaly

55.9750, 11.3513, -0.8551

Monochromacy



Original Color

57.2050, 26.0279, 5.0822

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8290, 9.4513, 1.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.2050, 26.0279, 5.0822 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(63, 44, 110)` looks like.

```
.text, #text, p{  
    color:rgb(63, 44, 110)  
}
```

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(63, 44, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 44, 110) }
```

Border

The CSS property to change the border of an element to YUV 57.2050, 26.0279, 5.0822 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(63, 44, 110) }
```


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

```
.border{ border-color:rgb(63, 44, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 44, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 44, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 44, 110);  
box-shadow:4px 4px 4px 4px rgb(63, 44,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 57.2050, 26.0279, 5.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 44, 110) }
```

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

```
.background{ background-color: rgb(63, 44,  
110) }
```

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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