

Converting Colors

YUV(63.1760, 57.1012, 25.2786)

Have a look what the booklet for
YUV(63.1760, 57.1012, 25.2786)
contains.

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Color

**YUV(63.1760, 57.1012,
25.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	5C1AB3
RGB	92, 26, 179
RGB Percent	36%, 10%, 70%
CMY	0.6392, 0.8980, 0.2980
CMYK	0.49, 0.85, 0.00, 0.30
HSL	266°, 75%, 40%
HSV	266°, 85%, 70%
XYZ	12.9197, 6.2688, 43.1769
YIQ	63.1760, -9.7770, 61.5750

Conversions

Conversions Part 2

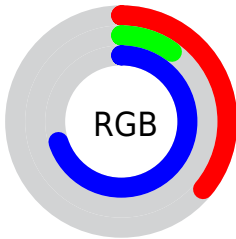
Format	Color
R _Y B	92, 26, 179
Decimal	6036147
CIE Lab	30.08, 58.46, -67.49
CIE LCh	30, 89.286, 310.901
Yxy	6.2688, 0.2072, 0.1005
Android (android.graphics.Color)	4284226227 (0xFF5C1AB3)
YUV	63.1760, 57.1012, 25.2786
Hunter-Lab	25.0375, 48.2928, -84.7186

Details

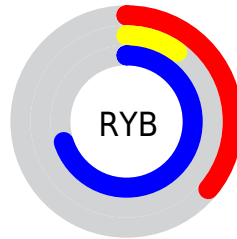
The YUV color **63.1760, 57.1012, 25.2786** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **141.8240, -57.1012, -25.2786**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6000, 57.3852, 27.5378**, and **21.4260, 51.0620, 2.2574** is the 20% darker color. If you saturate the color by 10%, you get **49.6200, 63.7843, 28.3973**, and if you desaturate by 10%, it is **76.7320, 50.4181, 22.1600**.

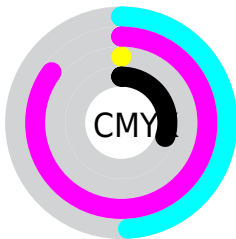
Distribution



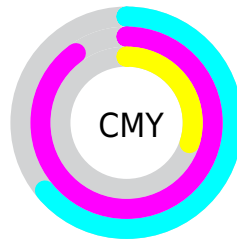
- Red (36%)
- Green (10%)
- Blue (70%)



- Red (36%)
- Yellow (10%)
- Blue (70%)



- Cyan (49%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1760, 57.1012, 25.2786 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 63.1760, 57.1012, 25.2786 by changing the saturation by 10% instead.

■ 63.1760, 57.1012,
25.2786

■ 63.1760, 57.1012,
25.2786

■ 255.0000, 0.0000,
0.0000

■ 35.5670, 57.4015,
22.3047

■ 119.6000, 57.3852,
27.5378

■ 21.4260, 51.0620,
2.2574

■ 146.2860, 53.5960,
29.5672

■ 11.2860, 43.2430,
-9.8978

■ 170.5180, 41.6496,
34.6257

■ 8.4360, 32.3231,
-7.3984

■ 195.9240, 29.1245,
38.6547

■ 8.0480, 20.6823,
-7.0581

■ 216.8450, 18.8104,
33.4619

■ 4.3660, 11.6516,
-3.8290


■ 233.2810, 10.7075,


■ 0.0000, 0.0000,


19.0476


0.0000


 250.3040, 2.3151,
4.1184


 63.1760, 57.1012,
25.2786


 63.1760, 57.1012,
25.2786


 49.6200, 63.7843,
28.3973


 76.7320, 50.4181,
22.1600

 43.4290, 66.8365,
29.4418

 90.2880, 43.7350,
19.0414

 104.1430, 36.9045,
16.5376

 117.6990, 30.2214,
13.4190

 130.6680, 23.8277,
10.8152

■ 144.2240, 17.1446,
7.6966

■ 157.7800, 10.4615,
4.5779

■ 171.3360, 3.7784,
1.4593

■ 185.1910, -3.0522,
-1.0445

Harmonies

Analogous

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



68.3070, 71.3336, -59.9052



63.1760, 57.1012, 25.2786



62.7870, 27.2200, 89.6408

Triad

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



63.1760, 57.1012, 25.2786



65.2410, -32.1638, 49.7776



66.1220, 14.7299, -57.9890

Complementary

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



63.1760, 57.1012, 25.2786



141.8240, -57.1012, -25.2786

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.



56.0560, -18.7616, -49.1611



63.1760, 57.1012, 25.2786



64.3350, -31.7172, -0.2938

Square

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



63.1760, 57.1012, 25.2786



48.7370, -24.0273, 100.2087



51.6560, -25.4664, -45.3023



74.9340, 43.4165, -65.7171

Rectangle

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



63.1760, 57.1012, 25.2786



62.3270, 4.7688, 104.0762



51.6560, -25.4664, -45.3023



63.2720, 3.8099, -55.4895

Sweetspot

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



63.1760, 57.1012, 25.2786



186.6140, 22.3753, 9.9855



95.6850, 41.0743, -61.1137



89.8880, 13.3662, 6.2372



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



63.1760, 57.1012, 25.2786



56.3480, 86.5964, 38.2828



85.3020, 46.1931, 70.7721



82.2220, 3.3416, 1.5593



37.1760, 57.1012, 25.2786



6.2530, 9.7353, 4.1631

Inverse Universe

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



81.6650, 15.4482, 85.3628



84.4160, 23.4589, 129.4312



119.6980, -46.1931, -70.7721



83.2610, 0.8573, 5.0331



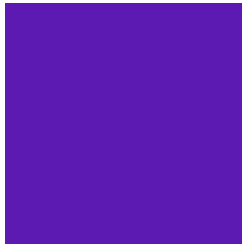
55.6650, 15.4482, 85.3628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 63.1760, 57.1012, 25.2786 looks on a white background.

Color Contrast Check

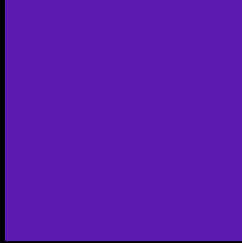
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.1760, 57.1012, 25.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

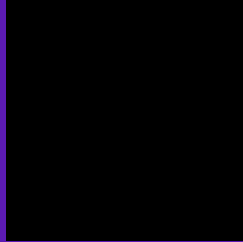
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1760, 57.1012, 25.2786

Background



This preview shows how black text looks on a background with the YUV color 63.1760, 57.1012, 25.2786.



This preview shows how white text looks on a background with the YUV color 63.1760, 57.1012,

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

63.1760, 57.1012, 25.2786

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.6880, 33.1848, -50.5924



Tritanopia

71.2920, 3.8000, -5.5181

Trichromacy



Original Color

63.1760, 57.1012, 25.2786

Protanomaly

58.9900, 48.8119, -22.7932

Deuteranomaly

59.8560, 41.9760, -23.5527

Tritanomaly

68.4070, 22.9703, 5.7821

Monochromacy



Original Color

63.1760, 57.1012, 25.2786

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.4460, 20.4861, 9.2559

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1760, 57.1012, 25.2786 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(92, 26, 179)` looks like.

```
.text, #text, p{  
    color:rgb(92, 26, 179)  
}
```

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(92, 26, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 26, 179) }
```

Border

The CSS property to change the border of an element to YUV 63.1760, 57.1012, 25.2786 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(92, 26, 179) }
```


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

```
.border{ border-color:rgb(92, 26, 179) }
```

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

Here you see how a box with a 4 pixel rgb(92, 26, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 26, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 26, 179);  
box-shadow:4px 4px 4px 4px rgb(92, 26,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 63.1760, 57.1012, 25.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 26, 179) }
```

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

```
.background{ background-color: rgb(92, 26,  
179) }
```

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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