

Converting Colors

YUV(56.7560, 57.3083, 5.4760)

Have a look what the booklet for
YUV(56.7560, 57.3083, 5.4760)
contains.

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Color

**YUV(56.7560, 57.3083,
5.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	3F1FAD
RGB	63, 31, 173
RGB Percent	25%, 12%, 68%
CMY	0.7529, 0.8784, 0.3216
CMYK	0.64, 0.82, 0.00, 0.32
HSL	254°, 70%, 40%
HSV	254°, 82%, 68%
XYZ	10.0827, 5.0539, 39.9792
YIQ	56.7560, -26.5100, 50.9460

Conversions

Conversions Part 2

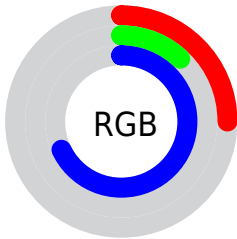
Format	Color
R _Y B	63, 31, 173
Decimal	4136877
CIE Lab	26.89, 51.83, -69.27
CIE LCh	27, 86.515, 306.805
Yxy	5.0539, 0.1829, 0.0917
Android (android.graphics.Color)	4282326957 (0xFF3F1FAD)
YUV	56.7560, 57.3083, 5.4760
Hunter-Lab	22.4808, 40.7164, -89.7031

Details

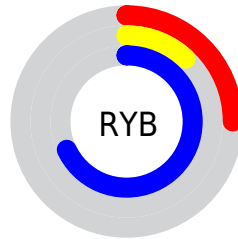
The YUV color **56.7560, 57.3083, 5.4760** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **147.2440, -57.3083, -5.4760**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1420, 58.5970, 12.1535**, and **13.5660, 51.9790, -11.8974** is the 20% darker color. If you saturate the color by 10%, you get **42.8900, 64.1442, 6.2355**, and if you desaturate by 10%, it is **70.6220, 50.4724, 4.7165**.

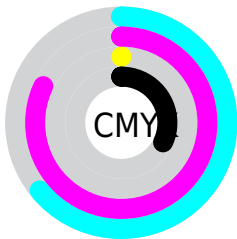
Distribution



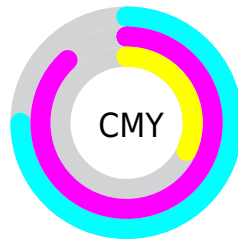
- Red (25%)
- Green (12%)
- Blue (68%)



- Red (25%)
- Yellow (12%)
- Blue (68%)



- Cyan (64%)
- Magenta (82%)
- Yellow (0%)
- Black (32%)



- Cyan (75%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7560, 57.3083, 5.4760 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 56.7560, 57.3083, 5.4760 by changing the saturation by 10% instead.

■ 56.7560, 57.3083,
5.4760

■ 56.7560, 57.3083,
5.4760

■ 255.0000, 0.0000,
0.0000

■ 24.3960, 59.9508,
-2.1013

■ 111.1420, 58.5970,
12.1535

■ 13.5660, 51.9790,
-11.8974

■ 137.9250, 57.7180,
14.0978

■ 10.7160, 41.0590,
-9.3979

■ 162.1570, 45.7716,
19.1563

■ 12.5620, 27.8239,
-11.0169

■ 186.9760, 33.5358,
23.7000

■ 6.8910, 18.7877,
-6.0434

■ 211.7950, 21.3001,
28.2438


■ 3.3230, 10.1938,
-2.9143


■ 231.5200, 11.5756,


■ 0.0000, 0.0000,


20.5920


0.0000


 248.5430, 3.1833,
5.6628


 56.7560, 57.3083,
5.4760


 56.7560, 57.3083,
5.4760

 42.8900, 64.1442,
6.2355

 70.6220, 50.4724,
4.7165

 31.3830, 69.8172,
6.6801

 85.3740, 43.1996,
4.0570

 99.2400, 36.3637,
3.2975

 113.4050, 29.3803,
3.1528

 127.8580, 22.2550,
1.8785

■ 141.7240, 15.4191,
1.1191

■ 155.8890, 8.4357,
0.9743

■ 169.7550, 1.5998,
0.2149

■ 184.5070, -5.6730,
-0.4446

Harmonies

Analogous

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



64.4770, 66.8128, -56.5463



56.7560, 57.3083, 5.4760



57.2910, 29.4365, 78.6748

Triad

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



56.7560, 57.3083, 5.4760



56.4140, -27.8121, 54.0109



58.7870, 9.4720, -51.5562

Complementary

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



56.7560, 57.3083, 5.4760



147.2440, -57.3083, -5.4760

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.



48.7210, -24.0195, -42.7283



56.7560, 57.3083, 5.4760



58.7640, -28.9707, 5.4690

Square

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



56.7560, 57.3083, 5.4760



46.3450, -22.8481, 95.2904



46.3730, -22.8619, -40.6691



67.3710, 37.2851, -59.0844

Rectangle

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



56.7560, 57.3083, 5.4760



58.0700, 7.8535, 94.6546



46.3730, -22.8619, -40.6691



55.5780, -0.2850, -48.7419

Sweetspot

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



56.7560, 57.3083, 5.4760



178.2710, 22.5444, 2.3933



112.3450, 29.9029, -71.3396



84.8550, 13.3825, 1.0042



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



56.7560, 57.3083, 5.4760



44.0300, 88.7252, 8.7437



77.6860, 46.9898, 48.5104



79.6240, 3.6364, 0.3298



27.2660, 60.5079, 5.9057



4.1170, 9.3093, 0.7744

Inverse Universe

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



85.9980, 27.1160, 76.3008



89.2740, 42.2629, 118.1547



126.3140, -46.9898, -48.5104



81.4890, 1.7309, 4.8331



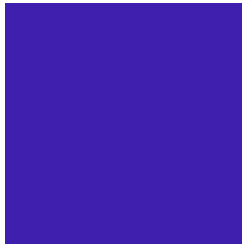
58.1880, 28.9943, 80.5191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 56.7560, 57.3083, 5.4760 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 56.7560, 57.3083, 5.4760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

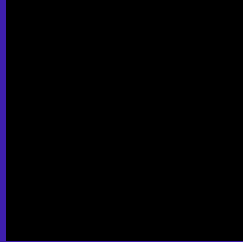
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7560, 57.3083, 5.4760

Background



This preview shows how black text looks on a background with the YUV color 56.7560, 57.3083, 5.4760.



This preview shows how white text looks on a background with the YUV color 56.7560, 57.3083,

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

56.7560, 57.3083, 5.4760

Deuteranopia

51.3960, 29.3848, -45.0743

Tritanopia

50.3410, 12.6499, -44.1491

Trichromacy



Original Color

56.7560, 57.3083, 5.4760

Deuteranomaly

53.2640, 39.8028, -26.5415

Tritanomaly

52.4030, 28.8883, -25.7864

Monochromacy



Original Color

56.7560, 57.3083, 5.4760

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1030, 20.6552, 1.6637

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7560, 57.3083, 5.4760 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, 31, 173)` looks like.

```
.text, #text, p{  
    color:rgb(63, 31, 173)  
}
```

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, 31, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 31, 173) }
```

Border

The CSS property to change the border of an element to YUV 56.7560, 57.3083, 5.4760 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, 31, 173) }
```

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

```
.border{ border-color:rgb(63, 31, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 31, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 31, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 31, 173);  
box-shadow:4px 4px 4px 4px rgb(63, 31,  
173) }
```


Background

The CSS property to change the background color of an element to YUV 56.7560, 57.3083, 5.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 31, 173) }
```

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

```
.background{ background-color: rgb(63, 31,  
173) }
```

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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