

Converting Colors

YUV(57.7550, 25.2638, 16.8779)

Have a look what the booklet for
YUV(57.7550, 25.2638, 16.8779)
contains.

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Color

**YUV(57.7550, 25.2638,
16.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	4D266D
RGB	77, 38, 109
RGB Percent	30%, 15%, 43%
CMY	0.6980, 0.8510, 0.5725
CMYK	0.29, 0.65, 0.00, 0.57
HSL	273°, 48%, 29%
HSV	273°, 65%, 43%
XYZ	6.5140, 4.0681, 14.9099
YIQ	57.7550, 0.4530, 30.3490

Conversions

Conversions Part 2

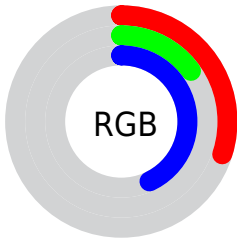
Format	Color
R_{YB}	77, 38, 109
Decimal	5056109
CIE _{Lab}	23.90, 32.65, -34.30
CIE _{LCh}	24, 47.358, 313.590
Yxy	4.0681, 0.2555, 0.1596
Android (android.graphics.Color)	4283246189 (0xFF4D266D)
YUV	57.7550, 25.2638, 16.8779
Hunter-Lab	20.1696, 22.3517, -29.7100

Details

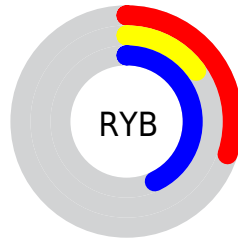
The YUV color **57.7550, 25.2638, 16.8779** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.2450, -25.2638, -16.8779**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.8200, 26.7107, 19.4519**, and **15.6250, 22.3699, 11.7299** is the 20% darker color. If you saturate the color by 10%, you get **49.8030, 29.1841, 19.4668**, and if you desaturate by 10%, it is **65.7070, 21.3434, 14.2890**.

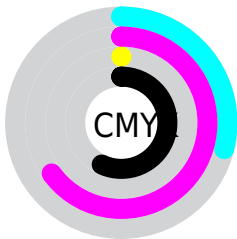
Distribution



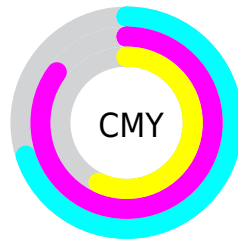
- Red (30%)
- Green (15%)
- Blue (43%)



- Red (30%)
- Yellow (15%)
- Blue (43%)



- Cyan (29%)
- Magenta (65%)
- Yellow (0%)
- Black (57%)



- Cyan (70%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7550, 25.2638, 16.8779 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 57.7550, 25.2638, 16.8779 by changing the saturation by 10% instead.

■ 57.7550, 25.2638,
16.8779

■ 57.7550, 25.2638,
16.8779

■ 255.0000, 0.0000,
0.0000

■ 33.9290, 24.6850,
15.8483

■ 106.8200, 26.7107,
19.4519

■ 15.6250, 22.3699,
11.7299

■ 132.3470, 27.4369,
19.8667

■ 4.3320, 16.5983,
-3.7992

■ 159.1730, 28.0157,
20.8963

■ 2.2970, 6.2626,
-2.0145

■ 186.7000, 28.7419,
21.3111

■ 0.0000, 0.0000,
0.0000

■ 212.3600, 21.0215,
24.2403

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

57.7550, 25.2638,
16.8779

57.7550, 25.2638,
16.8779

49.8030, 29.1841,
19.4668

65.7070, 21.3434,
14.2890

41.8510, 33.1045,
22.0557

73.6590, 17.4231,
11.7001

33.8990, 37.0248,
24.6446

81.6110, 13.5028,
9.1112

30.3660, 38.7666,
25.9890

89.5630, 9.5824,
6.5222

96.9280, 5.9515,
4.4481

■ 104.5810, 2.1786,
1.2445

■ 112.5330, -1.7418,
-1.3444

■ 120.4850, -5.6621,
-3.9333

■ 128.4370, -9.5824,
-6.5222

Harmonies

Analogous

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



47.3500, 39.2675, -41.5260



57.7550, 25.2638, 16.8779



48.5270, 14.5302, 53.0348

Triad

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



57.7550, 25.2638, 16.8779



54.1890, -26.7152, 28.7752



50.5860, 11.0501, -44.3639

Complementary

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



57.7550, 25.2638, 16.8779



89.2450, -25.2638, -16.8779

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.



45.6670, -5.2588, -40.0500



57.7550, 25.2638, 16.8779



51.9640, -25.6183, 3.5396

Square

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



57.7550, 25.2638, 16.8779



49.4120, -21.4021, 51.3817



41.1230, -20.2736, -30.8029



53.7610, 25.7538, -47.1484

Rectangle

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



57.7550, 25.2638, 16.8779



41.7260, 6.0511, 66.0153



41.1230, -20.2736, -30.8029



49.1040, 5.3717, -43.0642

Sweetspot

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



57.7550, 25.2638, 16.8779



122.0900, 10.3086, 6.9371



65.4650, 21.4628, -24.0868



58.9280, 5.9515, 4.4481



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.



57.7550, 25.2638, 16.8779



62.3060, 39.7821, 26.9186



67.0950, 19.6732, 36.7507



49.5810, 2.1786, 1.2445



32.4740, 41.6713, 27.6483



67.9960, 87.2630, 57.8855

Inverse Universe

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



62.8770, 3.5116, 40.4499



70.3020, 5.7671, 63.7561



79.9050, -19.6732, -36.7507



50.1360, 0.4260, 3.3887



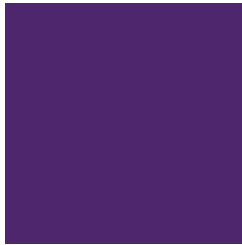
41.0250, 5.9037, 66.6301



85.7950, 11.9331, 139.6228

Previews

White Background



This preview shows how the YUV color 57.7550, 25.2638, 16.8779 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 57.7550, 25.2638, 16.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

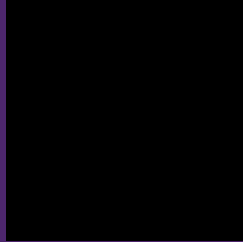
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7550, 25.2638, 16.8779

Background



This preview shows how black text looks on a background with the YUV color 57.7550, 25.2638, 16.8779.



This preview shows how white text looks on a background with the YUV color 57.7550, 25.2638,

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

57.7550, 25.2638, 16.8779

Protanopia

45.7370, 35.6257, -40.1113

Deuteranopia

46.4890, 28.3529, -40.7709



Tritanopia

58.6420, -0.3165, 8.2070

Trichromacy



Original Color

57.7550, 25.2638, 16.8779

Protanomaly

50.2450, 31.9242, -19.5089

Deuteranomaly

50.3930, 27.4143, -19.6387

Tritanomaly

58.1830, 9.2768, 11.2405

Monochromacy



Original Color

57.7550, 25.2638, 16.8779

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1500, 9.2931, 6.0075

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7550, 25.2638, 16.8779 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(77, 38, 109)` looks like.

```
.text, #text, p{  
    color:rgb(77, 38, 109)  
}
```

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(77, 38, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 38, 109) }
```

Border

The CSS property to change the border of an element to YUV 57.7550, 25.2638, 16.8779 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(77, 38, 109) }
```


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

```
.border{ border-color:rgb(77, 38, 109) }
```

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

Here you see how a box with a 4 pixel rgb(77, 38, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 38, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 38, 109);  
box-shadow:4px 4px 4px 4px rgb(77, 38,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 57.7550, 25.2638, 16.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 38, 109) }
```

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

```
.background{ background-color: rgb(77, 38,  
109) }
```

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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