

Converting Colors

YUV(63.2660, 50.6479, 41.8627)

Have a look what the booklet for
YUV(63.2660, 50.6479, 41.8627)
contains.

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Color

**YUV(63.2660, 50.6479,
41.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	6F13A6
RGB	111, 19, 166
RGB Percent	44%, 7%, 65%
CMY	0.5647, 0.9255, 0.3490
CMYK	0.33, 0.89, 0.00, 0.35
HSL	278°, 79%, 36%
HSV	278°, 89%, 65%
XYZ	13.6714, 6.5984, 36.6295
YIQ	63.2660, 7.6450, 65.2210

Conversions

Conversions Part 2

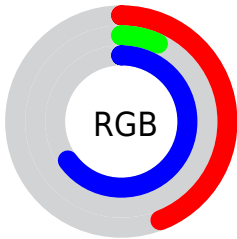
Format	Color
R_{YB}	111, 19, 166
Decimal	7279526
CIE Lab	30.87, 59.93, -58.28
CIE LCh	31, 83.595, 315.800
Yxy	6.5984, 0.2403, 0.1160
Android (android.graphics.Color)	4285469606 (0xFF6F13A6)
YUV	63.2660, 50.6479, 41.8627
Hunter-Lab	25.6874, 50.0483, -66.5646

Details

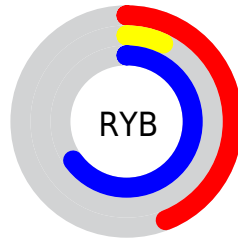
The YUV color **63.2660, 50.6479, 41.8627** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **121.7340, -50.6479, -41.8627**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9130, 49.3429, 40.4183**, and **29.0280, 41.3982, 21.9004** is the 20% darker color. If you saturate the color by 10%, you get **51.4930, 56.4520, 46.9256**, and if you desaturate by 10%, it is **75.0390, 44.8438, 36.7998**.

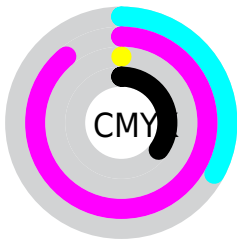
Distribution



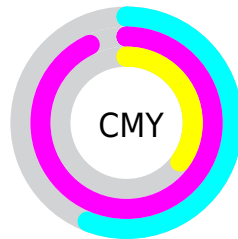
- Red (44%)
- Green (7%)
- Blue (65%)



- Red (44%)
- Yellow (7%)
- Blue (65%)



- Cyan (33%)
- Magenta (89%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2660, 50.6479, 41.8627 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 63.2660, 50.6479, 41.8627 by changing the saturation by 10% instead.

63.2660, 50.6479,
41.8627

63.2660, 50.6479,
41.8627

255.0000, 0.0000,
0.0000

40.6630, 48.4801,
37.1295

121.9130, 49.3429,
40.4183

29.0280, 41.3982,
21.9004

149.7390, 49.9217,
41.4479

18.1050, 34.4582,
7.8009

174.7150, 39.5805,
44.9769

7.1820, 27.5183,
-6.2986

199.8220, 27.2028,
48.3911

6.3210, 16.6037,
-5.5435

216.2580, 19.0998,
33.9767

2.6390, 7.5730,
-2.3144

233.2810, 10.7075,

0.0000, 0.0000,

19.0476

0.0000

250.3040, 2.3151,
4.1184

63.2660, 50.6479,
41.8627

63.2660, 50.6479,
41.8627

51.4930, 56.4520,
46.9256

75.0390, 44.8438,
36.7998

50.0200, 57.1781,
47.3405

86.2250, 39.3291,
32.2517

98.2970, 33.3776,
27.8035

109.4830, 27.8629,
23.2554

121.2560, 22.0588,
18.1925

■ 133.0290, 16.2547,
13.1296

■ 144.2150, 10.7400,
8.5814

■ 156.2870, 4.7885,
4.1333

■ 167.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



64.8190, 68.1232, -56.8463



63.2660, 50.6479, 41.8627



62.1310, 22.1204, 91.9701

Triad

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



63.2660, 50.6479, 41.8627



68.4310, -33.7365, 40.8410



68.5500, 18.9559, -60.1183

Complementary

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



63.2660, 50.6479, 41.8627



121.7340, -50.6479, -41.8627

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.



59.3960, -11.0412, -52.0903



63.2660, 50.6479, 41.8627



64.5900, -31.8429, -6.6564

Square

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



63.2660, 50.6479, 41.8627



46.6440, -22.9955, 95.9052



52.8300, -26.0452, -46.3319



75.3900, 45.1637, -66.1170

Rectangle

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



63.2660, 50.6479, 41.8627



60.5180, 1.7166, 103.0317



52.8300, -26.0452, -46.3319



65.3410, 9.1989, -57.3041

Sweetspot

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



63.2660, 50.6479, 41.8627



175.7890, 20.3170, 16.8480



68.6300, 48.0034, -43.5255



85.5680, 12.0450, 10.0259



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



63.2660, 50.6479, 41.8627



65.4020, 74.7378, 61.9144



77.7730, 35.1149, 77.3751



78.4070, 2.7573, 2.2741



44.6790, 50.9373, 42.3775



6.1670, 6.8197, 5.9925

Inverse Universe

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



69.2230, 2.3551, 84.8734



74.1170, 3.3933, 125.3084



107.2270, -35.1149, -77.3751



78.7340, 0.1311, 4.6183



50.5220, 2.2077, 85.4882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 63.2660, 50.6479, 41.8627 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 63.2660, 50.6479, 41.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

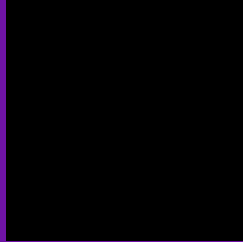
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2660, 50.6479, 41.8627

Background



This preview shows how black text looks on a background with the YUV color 63.2660, 50.6479, 41.8627.



This preview shows how white text looks on a background with the YUV color 63.2660, 50.6479,

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

63.2660, 50.6479, 41.8627

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.4320, 34.7900, -52.1219



Tritanopia

75.6430, -1.7960, 16.0991

Trichromacy



Original Color

63.2660, 50.6479, 41.8627

Protanomaly

60.8550, 46.9065, -18.2898

Deuteranomaly

60.5470, 40.6493, -18.0197

Tritanomaly

71.3340, 17.0903, 25.1401

Monochromacy



Original Color

63.2660, 50.6479, 41.8627

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9090, 18.2859, 14.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2660, 50.6479, 41.8627 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(111, 19, 166)` looks like.

```
.text, #text, p{  
    color:rgb(111, 19, 166)  
}
```

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(111, 19, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 19, 166) }
```

Border

The CSS property to change the border of an element to YUV 63.2660, 50.6479, 41.8627 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(111, 19, 166) }
```


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

```
.border{ border-color:rgb(111, 19, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 19, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 19, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 19, 166);  
box-shadow:4px 4px 4px 4px rgb(111, 19,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 63.2660, 50.6479, 41.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 19, 166) }
```

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

```
.background{ background-color: rgb(111, 19,  
166) }
```

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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