

Converting Colors

YUV(61.8180, 16.3587, 26.4696)

Have a look what the booklet for
YUV(61.8180, 16.3587, 26.4696)
contains.

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Color

**YUV(61.8180, 16.3587,
26.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	5C285F
RGB	92, 40, 95
RGB Percent	36%, 16%, 37%
CMY	0.6392, 0.8431, 0.6275
CMYK	0.03, 0.58, 0.00, 0.63
HSL	297°, 41%, 26%
HSV	297°, 58%, 37%
XYZ	7.2380, 4.6191, 11.3366
YIQ	61.8180, 13.3370, 28.1290

Conversions

Conversions Part 2

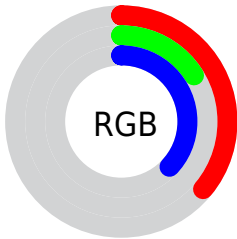
Format	Color
RYB	92, 40, 95
Decimal	6039647
CIELab	25.62, 32.53, -22.33
CIELCh	26, 39.457, 325.536
Yxy	4.6191, 0.3121, 0.1992
Android (android.graphics.Color)	4284229727 (0xFF5C285F)
YUV	61.8180, 16.3587, 26.4696
Hunter-Lab	21.4921, 22.5029, -16.2295




Details

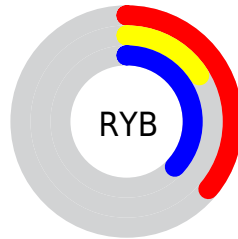
The YUV color **61.8180, 16.3587, 26.4696** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.1820, -16.3587, -26.4696**, and the grayscale version is **62.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **111.3560, 17.0795, 28.6288**, and **18.6280, 14.4804, 22.2512** is the 20% darker color. If you saturate the color by 10%, you get **56.2360, 19.1107, 30.4880**, and if you desaturate by 10%, it is **67.4000, 13.6068, 22.4512**.

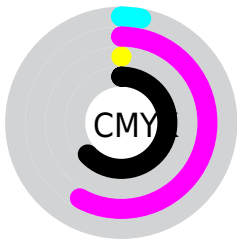
Distribution







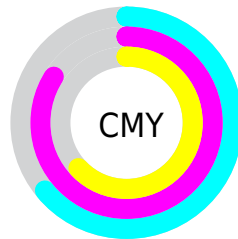
-  Red (36%)
-  Green (16%)
-  Blue (37%)






-  Red (36%)
-  Yellow (16%)
-  Blue (37%)



-  Cyan (3%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (64%)
-  Magenta (84%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8180, 16.3587, 26.4696 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 61.8180, 16.3587, 26.4696 by changing the saturation by 10% instead.

61.8180, 16.3587,
26.4696

61.8180, 16.3587,
26.4696

255.0000, 0.0000,
0.0000

37.5190, 16.5061,
25.8548

111.3560, 17.0795,
28.6288

18.6280, 14.4804,
22.2512

137.0680, 17.2215,
29.7584

8.1610, 9.2876,
7.7518

163.8940, 17.8003,
30.7880

0.0000, 0.0000,
0.0000

191.3070, 18.0896,
31.3028

219.1930, 17.6529,
31.4027

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

61.8180, 16.3587,
26.4696

61.8180, 16.3587,
26.4696

56.2360, 19.1107,
30.4880

67.4000, 13.6068,
22.4512

50.3660, 22.0046,
35.6360

73.2700, 10.7129,
17.3032

44.7840, 24.7565,
39.6544

79.4390, 7.6716,
12.7700

38.9140, 27.6504,
44.8024

84.7220, 5.0671,
8.1368

37.7400, 28.2292,
45.8320

90.8910, 2.0257,
3.6036

■ 96.1740, -0.5788,
-1.0296

■ 101.7560, -3.3307,
-5.0480

■ 107.6260, -6.2246,
-10.1960

■ 113.7950, -9.2659,
-14.7292

Harmonies

Analogous

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



60.3450, 26.9449, -9.0726



61.8180, 16.3587, 26.4696



57.1490, 4.3635, 47.2273

Triad

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



61.8180, 16.3587, 26.4696



57.3680, -28.2824, 18.0943



53.2420, 16.1497, -46.6932

Complementary

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



61.8180, 16.3587, 26.4696



73.1820, -16.3587, -26.4696

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.



49.7080, 2.6090, -43.5939



61.8180, 16.3587, 26.4696



54.2790, -26.7595, -3.7527

Square

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



61.8180, 16.3587, 26.4696



57.3410, -23.8321, 37.4119



45.0000, -10.3530, -39.4650



54.8040, 27.2116, -48.0631

Rectangle

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



61.8180, 16.3587, 26.4696



56.1680, -4.5198, 49.8417



45.0000, -10.3530, -39.4650



52.1020, 11.7817, -45.6935

Sweetspot

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



61.8180, 16.3587, 26.4696



109.9610, 5.9352, 9.6812



48.6180, 22.8663, -7.5580



53.9560, 3.4727, 6.1776



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.8180, 16.3587, 26.4696



71.4960, 24.8985, 40.7840



59.9790, 5.4334, 30.7134



45.6520, 1.1576, 2.0592



44.4620, 33.2962, 53.9688



95.2330, 71.3701, 115.5597

Inverse Universe

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



56.7870, -6.7970, 33.5128



63.6860, -10.1982, 51.1414



75.0210, -5.4334, -30.7134



45.1960, -0.5896, 2.4591



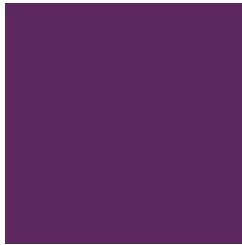
34.1720, -13.8888, 68.2552



73.2420, -29.6993, 146.2468

Previews

White Background



This preview shows how the YUV color 61.8180, 16.3587, 26.4696 looks on a white background.

Color Contrast Check

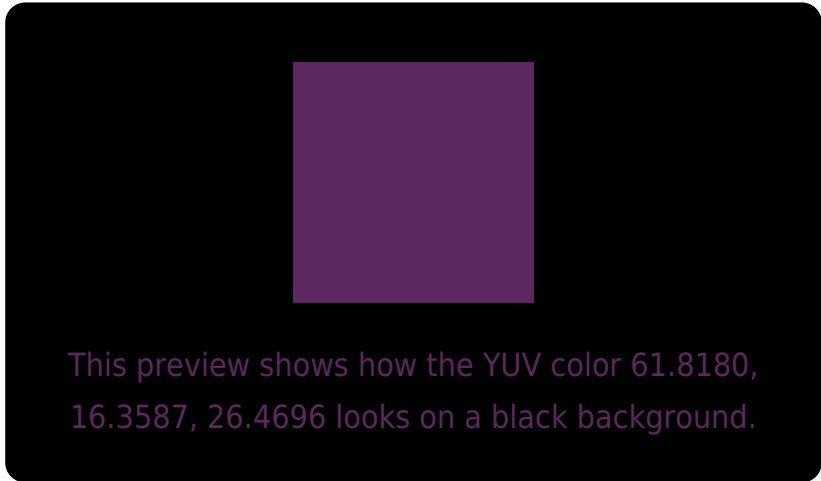
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

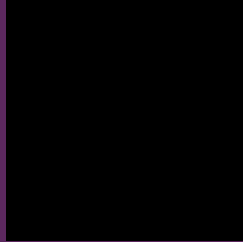
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8180, 16.3587, 26.4696

Background



This preview shows how black text looks on a background with the YUV color 61.8180, 16.3587, 26.4696.



This preview shows how white text looks on a background with the YUV color 61.8180, 16.3587,

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

61.8180, 16.3587, 26.4696

Protanopia

58.5670, 26.8355, -20.6683

Deuteranopia

60.5330, 15.0202, -10.9914



Tritanopia

62.2200, -3.5595, 21.7321

Trichromacy



Original Color

61.8180, 16.3587, 26.4696

Protanomaly

59.9390, 22.7081, -3.4545

Deuteranomaly

60.7350, 15.4136, 2.8634

Tritanomaly

62.1800, 3.8553, 23.5211

Monochromacy



Original Color

61.8180, 16.3587, 26.4696

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8180, 16.3587, 26.4696 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, 40, 95)` looks like.

```
.text, #text, p{  
    color:rgb(92, 40, 95)  
}
```

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, 40, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 40, 95) }
```

Border

The CSS property to change the border of an element to YUV 61.8180, 16.3587, 26.4696 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, 40, 95) }
```


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

```
.border{ border-color:rgb(92, 40, 95) }
```

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

Here you see how a box with a 4 pixel rgb(92, 40, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 40, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 40, 95);  
box-shadow:4px 4px 4px 4px rgb(92, 40, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8180, 16.3587, 26.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 40, 95) }
```

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

```
.background{ background-color: rgb(92, 40,  
95) }
```

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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