

Converting Colors

YUV(61.3800, 27.4207, 25.0997)

Have a look what the booklet for
YUV(61.3800, 27.4207, 25.0997)
contains.

YUV(61.3800, 27.4207, 25.0997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.3800, 27.4207,
25.0997)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2475
RGB	90, 36, 117
RGB Percent	35%, 14%, 46%
CMY	0.6471, 0.8588, 0.5412
CMYK	0.23, 0.69, 0.00, 0.54
HSL	280°, 53%, 30%
HSV	280°, 69%, 46%
XYZ	8.0582, 4.7198, 17.3159
YIQ	61.3800, 6.1830, 36.6390

Conversions

Conversions Part 2

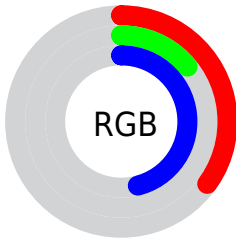
Format	Color
RYB	90, 36, 117
Decimal	5907573
CIELab	25.92, 38.96, -36.08
CIELCh	26, 53.099, 317.197
Yxy	4.7198, 0.2678, 0.1568
Android (android.graphics.Color)	4284097653 (0xFF5A2475)
YUV	61.3800, 27.4207, 25.0997
Hunter-Lab	21.7250, 28.1901, -32.0495




Details

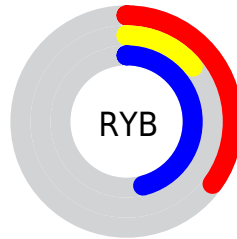
The YUV color **61.3800, 27.4207, 25.0997** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **91.6200, -27.4207, -25.0997**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.0320, 28.5782, 27.1589**, and **19.7120, 23.8060, 17.7926** is the 20% darker color. If you saturate the color by 10%, you get **53.1400, 31.4830, 28.8182**, and if you desaturate by 10%, it is **69.6200, 23.3583, 21.3813**.

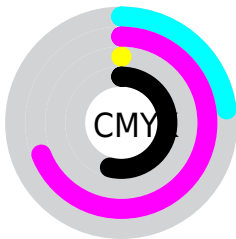
Distribution







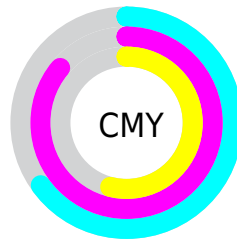
-  Red (35%)
-  Green (14%)
-  Blue (46%)






-  Red (35%)
-  Yellow (14%)
-  Blue (46%)



-  Cyan (23%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (65%)
-  Magenta (86%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3800, 27.4207, 25.0997 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 61.3800, 27.4207, 25.0997 by changing the saturation by 10% instead.

61.3800, 27.4207,
25.0997

61.3800, 27.4207,
25.0997

255.0000, 0.0000,
0.0000

35.2060, 27.9994,
26.1293

112.0320, 28.5782,
27.1589

19.7120, 23.8060,
17.7926

137.8580, 29.1570,
28.1885

9.6150, 17.4448,
4.7226

165.2710, 29.4464,
28.7033

3.2090, 9.7570,
-2.8143

192.5100, 30.3146,
30.2477

0.0000, 0.0000,
0.0000

217.4320, 18.5210,
32.9471

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

61.3800, 27.4207,
25.0997

61.3800, 27.4207,
25.0997

53.1400, 31.4830,
28.8182

69.6200, 23.3583,
21.3813

45.4870, 35.2559,
32.0219

77.2730, 19.5854,
18.1776

37.2470, 39.3182,
35.7404

85.5130, 15.5231,
14.4591

36.6600, 39.6076,
36.2552

93.7530, 11.4608,
10.7406

101.9930, 7.3985,
7.0221

■ 109.3470, 3.7729,
3.2037

■ 117.5870, -0.2894,
-0.5148

■ 125.8270, -4.3517,
-4.2333

■ 133.4800, -8.1246,
-7.4370

Harmonies

Analogous

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



50.5930, 44.0777, -44.3701



61.3800, 27.4207, 25.0997



45.8970, 16.8128, 67.6193

Triad

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



61.3800, 27.4207, 25.0997



58.0210, -28.6044, 28.0456



55.3620, 14.1185, -48.5525

Complementary

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



61.3800, 27.4207, 25.0997



91.6200, -27.4207, -25.0997

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.



49.9870, -3.9376, -43.8386



61.3800, 27.4207, 25.0997



55.7740, -27.4966, -0.6788

Square

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



61.3800, 27.4207, 25.0997



53.1800, -26.2177, 55.9701



43.4380, -21.4149, -38.0951



58.9930, 30.5695, -51.7369

Rectangle

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



61.3800, 27.4207, 25.0997



45.0260, 4.4242, 74.5222



43.4380, -21.4149, -38.0951



53.7660, 8.0034, -47.1528

Sweetspot

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



61.3800, 27.4207, 25.0997



130.9270, 10.8820, 9.7110



61.0830, 27.5671, -21.9978



63.1670, 6.8197, 5.9925



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



61.3800, 27.4207, 25.0997



65.8930, 42.9438, 39.5588



67.8570, 17.3255, 43.0984



54.8800, 2.0312, 1.8592



38.4260, 41.2020, 38.2144



78.4330, 84.5825, 77.6733

Inverse Universe

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



63.2970, -0.1464, 47.0975



68.7610, -0.3752, 73.8776



85.0290, -17.7623, -42.9984



55.0220, -0.0108, 3.4887



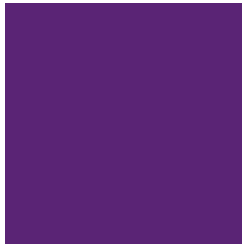
41.1520, -0.0749, 70.9037



84.2120, -0.5975, 145.3961

Previews

White Background



This preview shows how the YUV color 61.3800, 27.4207, 25.0997 looks on a white background.

Color Contrast Check

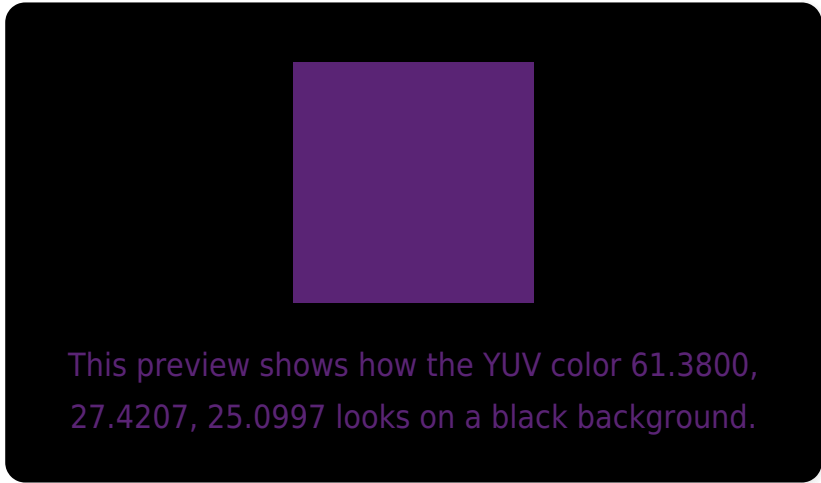
Large Text (above 18pt) WCAG AA ✓ Pass

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

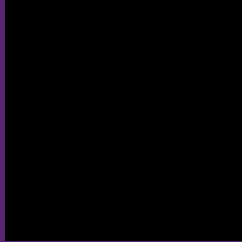
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3800, 27.4207, 25.0997

Background



This preview shows how black text looks on a background with the YUV color 61.3800, 27.4207, 25.0997.



This preview shows how white text looks on a background with the YUV color 61.3800, 27.4207,

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

61.3800, 27.4207, 25.0997

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

52.7390, 29.2157, -37.4821



Tritanopia

63.2300, -2.0854, 15.5843

Trichromacy



Original Color

61.3800, 27.4207, 25.0997

Protanomaly

53.8260, 34.1028, -18.2644

Deuteranomaly

55.7680, 28.7084, -14.7055

Tritanomaly

62.4120, 8.6709, 18.9327

Monochromacy



Original Color

61.3800, 27.4207, 25.0997

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2860, 9.7190, 9.3962

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3800, 27.4207, 25.0997 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(90, 36, 117)` looks like.

```
.text, #text, p{  
    color:rgb(90, 36, 117)  
}
```

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(90, 36, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 36, 117) }
```

Border

The CSS property to change the border of an element to YUV 61.3800, 27.4207, 25.0997 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(90, 36, 117) }
```


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

```
.border{ border-color:rgb(90, 36, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 36, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 36, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 36, 117);  
box-shadow:4px 4px 4px 4px rgb(90, 36,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 61.3800, 27.4207, 25.0997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 36, 117) }
```

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

```
.background{ background-color: rgb(90, 36,  
117) }
```

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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