

Converting Colors

YUV(61.5330, 8.6112, 38.1206)

Have a look what the booklet for
YUV(61.5330, 8.6112, 38.1206)
contains.

YUV(61.5330, 8.6112, 38.1206)	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(61.5330, 8.6112,
38.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	69244F
RGB	105, 36, 79
RGB Percent	41%, 14%, 31%
CMY	0.5882, 0.8588, 0.6902
CMYK	0.00, 0.66, 0.25, 0.59
HSL	323°, 49%, 28%
HSV	323°, 66%, 41%
XYZ	7.8679, 4.8295, 7.9146
YIQ	61.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

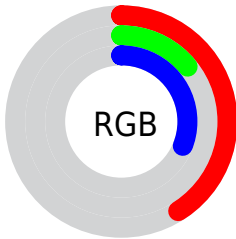
Format	Color
RYB	105, 36, 79
Decimal	6890575
CIELab	26.24, 35.83, -10.63
CIElCh	26, 37.371, 343.467
Yxy	4.8295, 0.3817, 0.2343
Android (android.graphics.Color)	4285080655 (0xFF69244F)
YUV	61.5330, 8.6112, 38.1206
Hunter-Lab	21.9762, 25.4478, -5.9698




Details

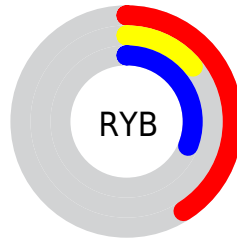
The YUV color **61.5330, 8.6112, 38.1206** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.4670, -8.6112, -38.1206**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **111.7290, 8.0216, 40.5797**, and **20.4350, 7.1805, 30.3135** is the 20% darker color. If you saturate the color by 10%, you get **55.2070, 9.7579, 43.6685**, and if you desaturate by 10%, it is **68.4460, 7.1751, 32.0579**.

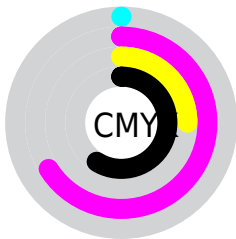
Distribution







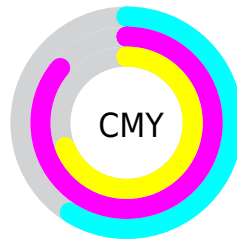
-  Red (41%)
-  Green (14%)
-  Blue (31%)






-  Red (41%)
-  Yellow (14%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (66%)
-  Yellow (25%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (86%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5330, 8.6112, 38.1206 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 61.5330, 8.6112, 38.1206 by changing the saturation by 10% instead.

61.5330, 8.6112,
38.1206

61.5330, 8.6112,
38.1206

255.0000, 0.0000,
0.0000

34.7010, 10.5004,
38.8502

111.7290, 8.0216,
40.5797

20.4350, 7.1805,
30.3135

138.3270, 7.7268,
41.8092

10.8220, 0.0878,
18.5731

165.3380, 7.7214,
43.5536

0.0000, 0.0000,
0.0000

193.0500, 7.8634,
44.6832

215.9670, 10.3693,
34.2319

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

61.5330, 8.6112,
38.1206

61.5330, 8.6112,
38.1206

55.2070, 9.7579,
43.6685

68.4460, 7.1751,
32.0579

48.2940, 11.1941,
49.7312

74.7720, 6.0284,
26.5100

41.9680, 12.3408,
55.2791

81.6850, 4.5923,
20.4473

38.8050, 12.9141,
58.0530

88.0110, 3.4456,
14.8994

94.9240, 2.0095,
8.8367

■ 101.2500, 0.8628,
3.2887

■ 108.1630, -0.5734,
-2.7740

■ 114.4890, -1.7201,
-8.3219

■ 121.4020, -3.1562,
-14.3846

Harmonies

Analogous

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



64.2400, 19.6017, 12.9445



61.5330, 8.6112, 38.1206



58.9720, -3.9302, 47.3826

Triad

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



61.5330, 8.6112, 38.1206



57.2910, -28.2445, 5.8838



54.9520, 22.7017, -48.1929

Complementary

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



61.5330, 8.6112, 38.1206



79.4670, -8.6112, -38.1206

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.



52.5750, 11.0555, -46.1083



61.5330, 8.6112, 38.1206



52.8840, -17.6908, -19.1923

Square

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



61.5330, 8.6112, 38.1206



58.8960, -29.0357, 26.4012



48.5680, -1.7590, -42.5941



54.4280, 30.8480, -47.7334

Rectangle

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



61.5330, 8.6112, 38.1206



59.4310, -13.5235, 44.3490



48.5680, -1.7590, -42.5941



54.6270, 18.9179, -47.9079

Sweetspot

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



61.5330, 8.6112, 38.1206



120.3100, 3.2982, 15.5141



51.3410, 26.4539, 8.4709



58.3370, 2.2989, 9.3515



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



61.5330, 8.6112, 38.1206



69.3430, 13.6349, 60.2122



57.6570, -6.2399, 41.5198



50.2500, 0.8628, 3.2887



43.3050, 14.6396, 64.6305



90.6970, 30.7154, 135.3237

Inverse Universe

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



61.5330, 8.6112, 38.1206



69.3430, 13.6349, 60.2122



83.3430, 6.2399, -41.5198



50.2500, 0.8628, 3.2887



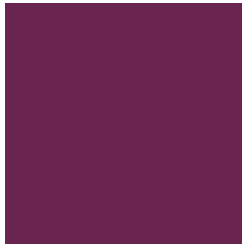
43.3050, 14.6396, 64.6305



90.6970, 30.7154, 135.3237

Previews

White Background



This preview shows how the YUV color 61.5330, 8.6112, 38.1206 looks on a white background.

Color Contrast Check

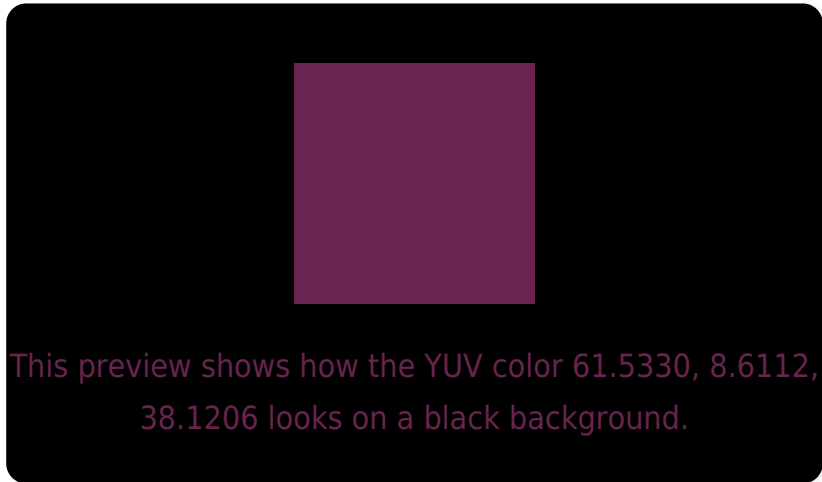
Large Text (above 18pt) WCAG AA ✓ Pass

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

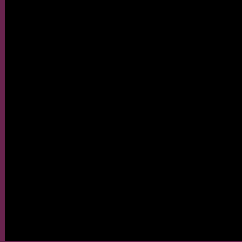
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5330, 8.6112, 38.1206

Background



This preview shows how black text looks on a background with the YUV color 61.5330, 8.6112, 38.1206.



This preview shows how white text looks on a background with the YUV color 61.5330, 8.6112,

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

61.5330, 8.6112, 38.1206

Protanopia

62.5160, 17.4936, -10.9765

Deuteranopia

63.7810, 5.5310, -0.6849



Tritanopia

61.6840, -7.2392, 35.3571

Trichromacy



Original Color

61.5330, 8.6112, 38.1206

Protanomaly

62.4150, 14.0924, 6.6520

Deuteranomaly

63.0970, 6.3612, 13.0699

Tritanomaly

61.5900, -1.2769, 36.3166

Monochromacy



Original Color

61.5330, 8.6112, 38.1206

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1850, 2.8668, 13.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5330, 8.6112, 38.1206 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(105, 36, 79)` looks like.

```
.text, #text, p{  
    color:rgb(105, 36, 79)  
}
```

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(105, 36, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 36, 79) }
```

Border

The CSS property to change the border of an element to YUV 61.5330, 8.6112, 38.1206 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(105, 36, 79) }
```


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

```
.border{ border-color:rgb(105, 36, 79) }
```

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

Here you see how a box with a 4 pixel rgb(105, 36, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 36, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 36, 79);  
box-shadow:4px 4px 4px 4px rgb(105, 36,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 61.5330, 8.6112, 38.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 36, 79) }
```

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

```
.background{ background-color: rgb(105, 36,  
79) }
```

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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