

Converting Colors

YUV(89.5920, 5.6241, 16.1438)

Have a look what the booklet for
YUV(89.5920, 5.6241, 16.1438)
contains.

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Color

**YUV(89.5920, 5.6241,
16.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4E65
RGB	108, 78, 101
RGB Percent	42%, 31%, 40%
CMY	0.5765, 0.6941, 0.6039
CMYK	0.00, 0.28, 0.06, 0.58
HSL	314°, 16%, 36%
HSV	314°, 28%, 42%
XYZ	11.2577, 9.5765, 13.5670
YIQ	89.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

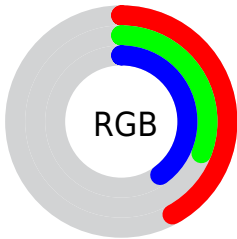
Format	Color
R_{YB}	108, 78, 101
Decimal	7097957
CIE _{Lab}	37.07, 16.79, -8.39
CIE _{LCh}	37, 18.774, 333.451
Yxy	9.5765, 0.3272, 0.2784
Android (android.graphics.Color)	4285288037 (0xFF6C4E65)
YUV	89.5920, 5.6241, 16.1438
Hunter-Lab	30.9459, 10.7804, -4.3312

Details

The YUV color **89.5920, 5.6241, 16.1438** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.4080, -5.6241, -16.1438**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7170, 6.0555, 17.7882**, and **43.4670, 5.1928, 14.4994** is the 20% darker color. If you saturate the color by 10%, you get **82.7930, 7.4971, 22.1065**, and if you desaturate by 10%, it is **96.3910, 3.7512, 10.1811**.

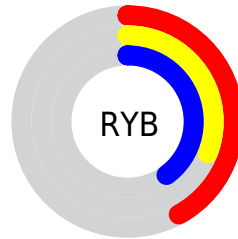
Distribution



Red (42%)

Green (31%)

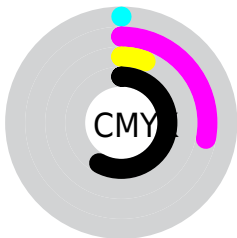
Blue (40%)



Red (42%)

Yellow (31%)

Blue (40%)

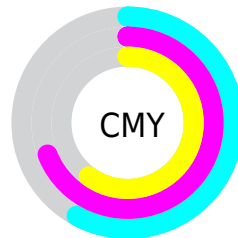


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5920, 5.6241, 16.1438 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 89.5920, 5.6241, 16.1438 by changing the saturation by 10% instead.

89.5920, 5.6241,
16.1438

89.5920, 5.6241,
16.1438

255.0000, 0.0000,
0.0000

65.8800, 5.4822,
15.0142

139.7170, 6.0555,
17.7882

43.4670, 5.1928,
14.4994

166.1300, 6.3449,
18.3030

22.1680, 5.3402,
13.8847

193.4290, 6.1975,
18.9178

3.0050, 2.4625,
3.5036

221.4290, 6.1975,
18.9178

0.0000, 0.0000,
0.0000

243.8470, 5.4984,
9.7812

89.5920, 5.6241,
16.1438

89.5920, 5.6241,
16.1438

82.7930, 7.4971,
22.1065

96.3910, 3.7512,
10.1811

76.1080, 9.8068,
27.9693

103.0760, 1.4415,
4.3183

69.8960, 11.3903,
33.4172

109.2880, -0.1420,
-1.1296

63.2110, 13.7000,
39.2800

115.9730, -2.4517,
-6.9923

56.4120, 15.5729,
45.2427

122.7720, -4.3246,
-12.9550

49.7270, 17.8826,
51.1054

129.4570, -6.6343,
-18.8178

42.9280, 19.7555,
57.0681


136.2560, -8.5072,
-24.7805

41.7540, 20.3343,

142.3540,

58.0977

-10.5275, -30.1285

 149.1530,
-12.4004, -36.0912

Harmonies

Analogous

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



88.9970, 11.3405, 2.6336



89.5920, 5.6241, 16.1438



89.1000, -1.5283, 23.5913

Triad

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



89.5920, 5.6241, 16.1438



86.2710, -14.4306, 8.5323



78.8690, 11.8966, -35.8421

Complementary

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



89.5920, 5.6241, 16.1438



96.4080, -5.6241, -16.1438

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.



80.1380, 3.8760, -29.9390



89.5920, 5.6241, 16.1438



84.4050, -11.0457, -3.8632

Square

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



89.5920, 5.6241, 16.1438



87.6790, -13.1527, 18.6985



82.0380, -4.4557, -17.5733



81.6510, 15.9481, -28.6349

Rectangle

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



89.5920, 5.6241, 16.1438



88.8460, -6.3331, 24.6911



82.0380, -4.4557, -17.5733



78.7120, 10.0020, -34.8274

Sweetspot

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



89.5920, 5.6241, 16.1438



133.3150, 2.3097, 5.8627



83.5130, 12.0721, 1.3041



66.7770, 1.5889, 3.7036



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.



89.5920, 5.6241, 16.1438



111.7440, 8.5072, 24.7805



87.8820, -0.9278, 17.6435



50.2500, 0.8628, 3.2887



45.2430, 22.0652, 62.9309



94.6870, 46.0033, 131.8245

Inverse Universe

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



89.5920, 5.6241, 16.1438



111.7440, 8.5072, 24.7805



98.1180, 0.9278, -17.6435



50.2500, 0.8628, 3.2887



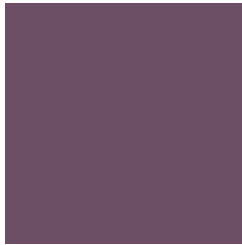
45.2430, 22.0652, 62.9309



94.6870, 46.0033, 131.8245

Previews

White Background



This preview shows how the YUV color 89.5920, 5.6241, 16.1438 looks on a white background.

Color Contrast Check

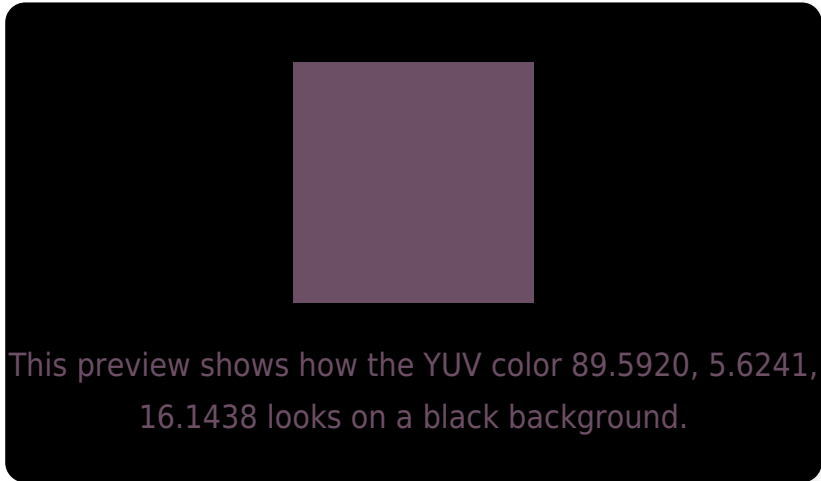
Large Text (above 18pt) WCAG AA ✓ Pass

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

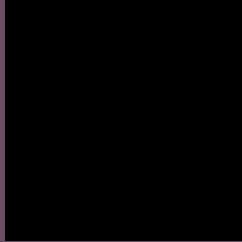
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5920, 5.6241, 16.1438

Background



This preview shows how black text looks on a background with the YUV color 89.5920, 5.6241, 16.1438.



This preview shows how white text looks on a background with the YUV color 89.5920, 5.6241,

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

89.5920, 5.6241, 16.1438

Protanopia

88.0840, 9.3256, -4.4587

Deuteranopia

88.2050, 5.8149, 1.5742



Tritanopia

89.1590, -1.0644, 14.7696

Trichromacy



Original Color

89.5920, 5.6241, 16.1438

Protanomaly

88.7860, 7.9935, 2.8187

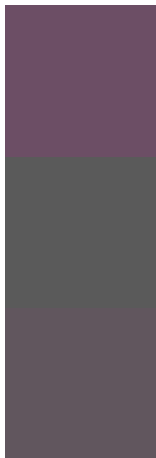
Deuteranomaly

88.5370, 5.6513, 7.4221

Tritanomaly

89.4410, 1.2616, 15.3992

Monochromacy



Original Color

89.5920, 5.6241, 16.1438

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2010, 1.8729, 5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5920, 5.6241, 16.1438 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(108, 78, 101)` looks like.

```
.text, #text, p{  
    color:rgb(108, 78, 101)  
}
```

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(108, 78, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 78, 101) }
```

Border

The CSS property to change the border of an element to YUV 89.5920, 5.6241, 16.1438 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(108, 78, 101) }
```


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

```
.border{ border-color:rgb(108, 78, 101) }
```

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

Here you see how a box with a 4 pixel rgb(108, 78, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 78, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 78, 101);  
box-shadow:4px 4px 4px 4px rgb(108, 78,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 89.5920, 5.6241, 16.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 78, 101) }
```

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

```
.background{ background-color: rgb(108, 78,  
101) }
```

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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