

Converting Colors

YUV(89.1820, 14.2073, 16.5034)

Have a look what the booklet for
YUV(89.1820, 14.2073, 16.5034)
contains.

YUV(89.1820, 14.2073, 16.5034)	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(89.1820, 14.2073,
16.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4A76
RGB	108, 74, 118
RGB Percent	42%, 29%, 46%
CMY	0.5765, 0.7098, 0.5373
CMYK	0.08, 0.37, 0.00, 0.54
HSL	286°, 23%, 38%
HSV	286°, 37%, 46%
XYZ	11.9031, 9.3937, 18.3253
YIQ	89.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

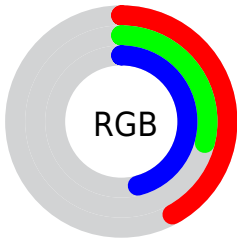
Format	Color
R_{YB}	108, 74, 118
Decimal	7096950
CIE _{Lab}	36.73, 22.86, -19.51
CIE _{LCh}	37, 30.055, 319.531
Yxy	9.3937, 0.3004, 0.2371
Android (android.graphics.Color)	4285287030 (0xFF6C4A76)
YUV	89.1820, 14.2073, 16.5034
Hunter-Lab	30.6492, 15.6876, -13.9955

Details

The YUV color **89.1820, 14.2073, 16.5034** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.8180, -14.2073, -16.5034**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4210, 15.0754, 18.0478**, and **42.5300, 13.0497, 14.4442** is the 20% darker color. If you saturate the color by 10%, you get **81.2410, 18.1222, 20.8366**, and if you desaturate by 10%, it is **97.1230, 10.2924, 12.1701**.

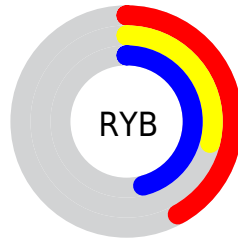
Distribution



Red (42%)

Green (29%)

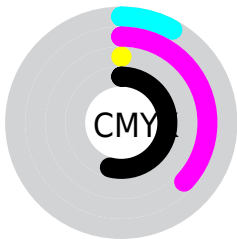
Blue (46%)



Red (42%)

Yellow (29%)

Blue (46%)

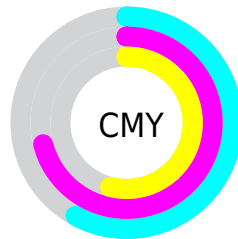


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (71%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1820, 14.2073, 16.5034 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 89.1820, 14.2073, 16.5034 by changing the saturation by 10% instead.

89.1820, 14.2073,
16.5034

89.1820, 14.2073,
16.5034

255.0000, 0.0000,
0.0000

65.3560, 13.6285,
15.4738

139.4210, 15.0754,
18.0478

42.5300, 13.0497,
14.4442

165.9480, 15.8016,
18.4626

20.5300, 13.0497,
14.4442

193.3610, 16.0910,
18.9774

5.0570, 10.3249,
1.7040

221.6600, 15.9436,
19.5922

0.0000, 0.0000,
0.0000

241.4990, 6.6560,
11.8404

89.1820, 14.2073,
16.5034

89.1820, 14.2073,
16.5034

81.2410, 18.1222,
20.8366

97.1230, 10.2924,
12.1701

73.5990, 21.8897,
25.7847

104.7650, 6.5249,
7.2221

66.2450, 25.5152,
29.6031

112.1190, 2.8993,
3.4036

58.3040, 29.4301,
33.9364

120.0600, -1.0156,
-0.9296

50.6620, 33.1976,
38.8844

127.7020, -4.7831,
-5.8777

42.7210, 37.1125,
43.2177


135.6430, -8.6980,
-10.2109

40.6610, 38.1281,
44.1473

143.5840,
-12.6129, -14.5442

150.6390,

-16.0910, -18.9774

 158.5800,
-20.0059, -23.3107

Harmonies

Analogous

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



86.1940, 22.5824, -9.8171



89.1820, 14.2073, 16.5034



88.2460, 3.8227, 33.9873

Triad

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



89.1820, 14.2073, 16.5034



84.7580, -23.0517, 20.3832



69.7410, 15.9037, -61.1629

Complementary

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



89.1820, 14.2073, 16.5034



102.8180, -14.2073, -16.5034

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.



69.8920, 3.5042, -50.7713



89.1820, 14.2073, 16.5034



82.6910, -21.5397, 2.0250

Square

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



89.1820, 14.2073, 16.5034



86.0400, -17.2747, 34.1679



78.9640, -12.3073, -19.2624



70.9610, 25.6552, -62.2328

Rectangle

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



89.1820, 14.2073, 16.5034



87.3300, -3.6137, 39.1756



78.9640, -12.3073, -19.2624



68.8290, 12.4093, -60.3630

Sweetspot

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



89.1820, 14.2073, 16.5034



141.8250, 5.5093, 6.2925



84.8860, 16.3252, -9.5470



70.2330, 3.3361, 3.3037



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.



89.1820, 14.2073, 16.5034



107.7130, 22.3265, 25.6847



90.8040, 7.4916, 23.8509



54.8800, 2.0312, 1.8592



42.3130, 39.2857, 46.2065



86.2070, 80.7499, 93.6575

Inverse Universe

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



88.2960, -2.1179, 26.0504



106.4550, -3.1823, 40.8200



101.1960, -7.4916, -23.8509



54.9080, -0.4476, 3.5887



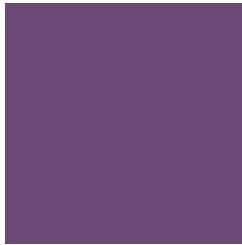
39.6700, -5.7533, 72.2034



81.2480, -11.9543, 147.9955

Previews

White Background



This preview shows how the YUV color 89.1820, 14.2073, 16.5034 looks on a white background.

Color Contrast Check

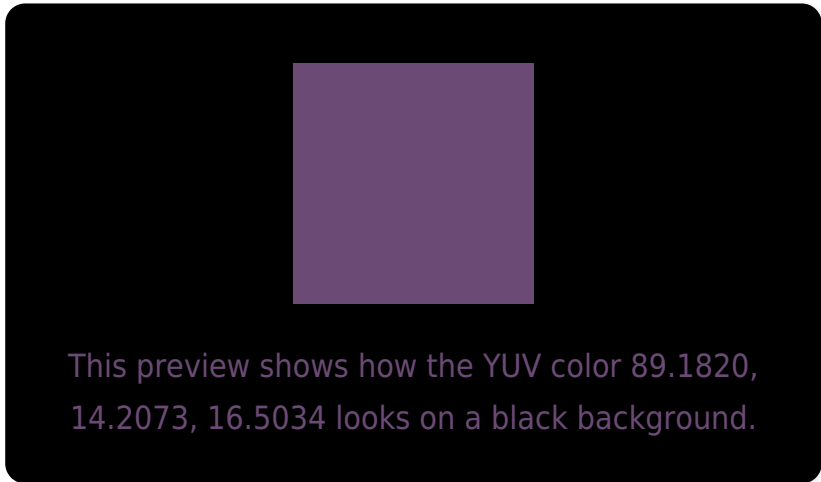
Large Text (above 18pt) WCAG AA ✓ Pass

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

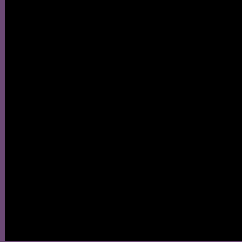
Any Text WCAG AA × Fail

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 89.1820, 14.2073, 16.5034 Background



This preview shows how black text looks on a background with the YUV color 89.1820, 14.2073, 16.5034.



This preview shows how white text looks on a background with the YUV color 89.1820, 14.2073,

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

89.1820, 14.2073, 16.5034

Protanopia

86.2000, 20.1144, -11.5764

Deuteranopia

86.7400, 14.4252, -6.7880



Tritanopia

88.2620, -0.6222, 12.9252

Trichromacy



Original Color

89.1820, 14.2073, 16.5034

Protanomaly

87.3970, 18.0453, -1.2252

Deuteranomaly

87.7950, 14.3981, 1.9338

Tritanomaly

88.3530, 4.7560, 14.5994

Monochromacy



Original Color

89.1820, 14.2073, 16.5034

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.4120, 5.2199, 5.7777

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1820, 14.2073, 16.5034 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, 74, 118)` looks like.

```
.text, #text, p{  
    color:rgb(108, 74, 118)  
}
```

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, 74, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 74, 118) }
```

Border

The CSS property to change the border of an element to YUV 89.1820, 14.2073, 16.5034 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, 74, 118) }
```


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

```
.border{ border-color:rgb(108, 74, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 74, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 74, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 74, 118);  
box-shadow:4px 4px 4px 4px rgb(108, 74,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 89.1820, 14.2073, 16.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 74, 118) }
```

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

```
.background{ background-color: rgb(108, 74,  
118) }
```

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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