

Converting Colors

YUV(85.8780, 11.8921, 12.3850)

Have a look what the booklet for
YUV(85.8780, 11.8921, 12.3850)
contains.

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Color

**YUV(85.8780, 11.8921,
12.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	644A6E
RGB	100, 74, 110
RGB Percent	39%, 29%, 43%
CMY	0.6078, 0.7098, 0.5686
CMYK	0.09, 0.33, 0.00, 0.57
HSL	283°, 20%, 36%
HSV	283°, 33%, 43%
XYZ	10.5188, 8.7327, 15.8830
YIQ	85.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

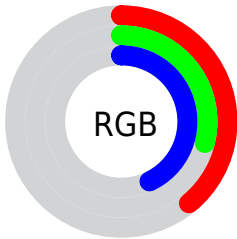
Format	Color
R_{YB}	100, 74, 110
Decimal	6572654
CIE Lab	35.46, 18.23, -16.55
CIE LCh	35, 24.619, 317.759
Yxy	8.7327, 0.2994, 0.2485
Android (android.graphics.Color)	4284762734 (0xFF644A6E)
YUV	85.8780, 11.8921, 12.3850
Hunter-Lab	29.5511, 11.8231, -11.1812

Details

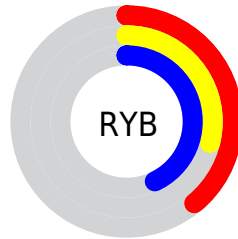
The YUV color **85.8780, 11.8921, 12.3850** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.1220, -11.8921, -12.3850**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8180, 12.9077, 13.3146**, and **39.9380, 10.8766, 11.4554** is the 20% darker color. If you saturate the color by 10%, you get **78.5240, 15.5177, 16.2035**, and if you desaturate by 10%, it is **93.2320, 8.2666, 8.5665**.

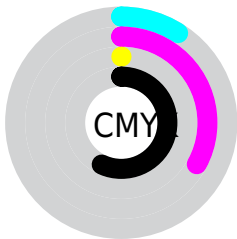
Distribution



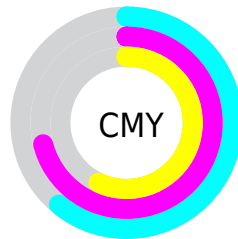
- Red (39%)
- Green (29%)
- Blue (43%)



- Red (39%)
- Yellow (29%)
- Blue (43%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (57%)



- Cyan (61%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8780, 11.8921, 12.3850 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 85.8780, 11.8921, 12.3850 by changing the saturation by 10% instead.

85.8780, 11.8921,
12.3850

85.8780, 11.8921,
12.3850

255.0000, 0.0000,
0.0000

62.4650, 11.6028,
11.8702

135.8180, 12.9077,
13.3146

39.9380, 10.8766,
11.4554

162.2310, 13.1971,
13.8294

17.9380, 10.8766,
11.4554

189.6440, 13.4865,
14.3442

2.7530, 8.0098,
-2.4144

217.0570, 13.7759,
14.8590

0.0000, 0.0000,
0.0000

240.9120, 6.9454,
12.3552

85.8780, 11.8921,
12.3850

85.8780, 11.8921,
12.3850

78.5240, 15.5177,
16.2035

93.2320, 8.2666,
8.5665

71.1700, 19.1432,
20.0219

100.5860, 4.6411,
4.7481

63.8160, 22.7687,
23.8404

107.9400, 1.0156,
0.9296

56.4620, 26.3942,
27.6588

115.2940, -2.6099,
-2.8888

49.1080, 30.0198,
31.4773

122.6480, -6.2355,
-6.7073

41.7540, 33.6453,
35.2957


130.0020, -9.8610,
-10.5258

36.1610, 36.4026,
37.5698

137.3560,
-13.4865, -14.3442

144.7100,

-17.1120, -18.1627

 152.3630,
-20.8850, -21.3664

Harmonies

Analogous

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



83.1680, 18.6512, -8.9173



85.8780, 11.8921, 12.3850



85.6750, 3.1182, 26.5950

Triad

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



85.8780, 11.8921, 12.3850



82.3000, -18.3889, 18.1539



66.0080, 14.2931, -57.8890

Complementary

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



85.8780, 11.8921, 12.3850



98.1220, -11.8921, -12.3850

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.



73.4920, 0.2504, -33.7575



85.8780, 11.8921, 12.3850



80.7280, -17.6139, 2.8695

Square

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



85.8780, 11.8921, 12.3850



83.8050, -14.2009, 28.2350



78.3390, -11.0131, -14.3293



66.7720, 22.2974, -58.5590

Rectangle

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



85.8780, 11.8921, 12.3850



85.1010, -3.0078, 31.4834



78.3390, -11.0131, -14.3293



67.6020, 10.0562, -52.2710

Sweetspot

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



85.8780, 11.8921, 12.3850



133.5860, 4.6411, 4.7481



83.9740, 12.8308, -8.7472



65.7060, 2.6099, 2.8888



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.



85.8780, 11.8921, 12.3850



105.3440, 18.5644, 18.9923



87.9560, 6.9237, 19.3326



52.1790, 1.8838, 2.4740



39.6930, 39.5914, 41.4882



81.6790, 81.5033, 85.3505

Inverse Universe

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



85.9040, -0.9387, 21.1322



105.5680, -1.2660, 32.8279



96.0440, -6.9237, -19.3326



52.0220, -0.0108, 3.4887



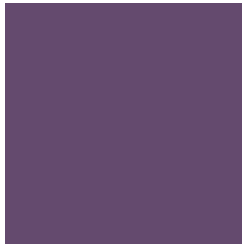
39.6420, -3.2745, 70.4740



81.7190, -6.2705, 144.9514

Previews

White Background



This preview shows how the YUV color 85.8780, 11.8921, 12.3850 looks on a white background.

Color Contrast Check

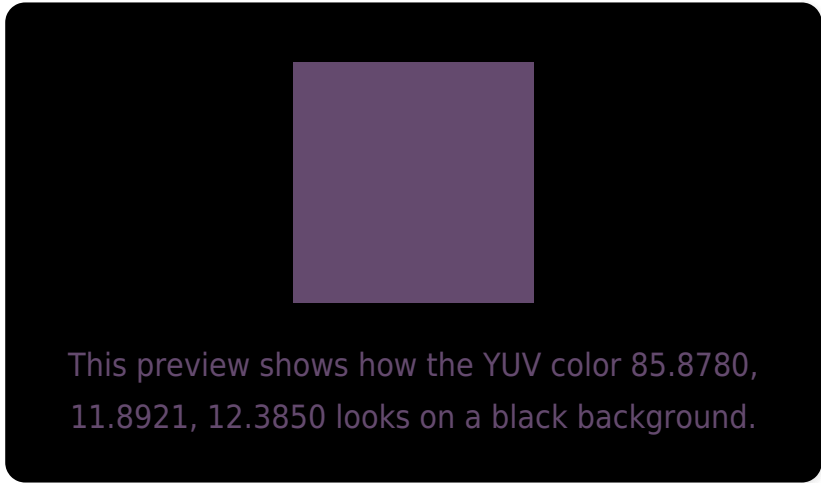
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8780, 11.8921, 12.3850

Background



This preview shows how black text looks on a background with the YUV color 85.8780, 11.8921, 12.3850.



This preview shows how white text looks on a background with the YUV color 85.8780, 11.8921,

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

85.8780, 11.8921, 12.3850

Protanopia

83.1850, 16.1778, -8.9322

Deuteranopia

83.7680, 11.9464, -5.0585



Tritanopia

84.7670, 0.1149, 9.8513

Trichromacy



Original Color

85.8780, 11.8921, 12.3850

Protanomaly

84.1860, 14.6983, -1.0401

Deuteranomaly

84.5130, 12.0721, 1.3041

Tritanomaly

84.9180, 4.4774, 10.5959

Monochromacy



Original Color

85.8780, 11.8921, 12.3850

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8780, 11.8921, 12.3850 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(100, 74, 110)` looks like.

```
.text, #text, p{  
  color:rgb(100, 74, 110)  
}
```

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(100, 74, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 74, 110) }
```

Border

The CSS property to change the border of an element to YUV 85.8780, 11.8921, 12.3850 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(100, 74, 110) }
```


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

```
.border{ border-color:rgb(100, 74, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 74, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 74, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 74, 110);  
box-shadow:4px 4px 4px 4px rgb(100, 74,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 85.8780, 11.8921, 12.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 74, 110) }
```

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

```
.background{ background-color: rgb(100, 74,  
110) }
```

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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