

Converting Colors

YUV(80.6880, 30.2268, 11.6746)

Have a look what the booklet for
YUV(80.6880, 30.2268, 11.6746)
contains.

YUV(80.6880, 30.2268, 11.6746)	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(80.6880, 30.2268,
11.6746)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3E8E
RGB	94, 62, 142
RGB Percent	37%, 24%, 56%
CMY	0.6314, 0.7569, 0.4431
CMYK	0.34, 0.56, 0.00, 0.44
HSL	264°, 39%, 40%
HSV	264°, 56%, 56%
XYZ	11.2212, 7.7779, 26.5011
YIQ	80.6880, -6.6080, 31.6640

Conversions

Conversions Part 2

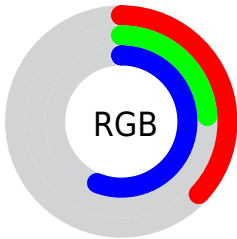
Format	Color
R _Y B	94, 62, 142
Decimal	6176398
CIE Lab	33.52, 31.85, -39.50
CIE LCh	34, 50.743, 308.884
Yxy	7.7779, 0.2466, 0.1709
Android (android.graphics.Color)	4284366478 (0xFF5E3E8E)
YUV	80.6880, 30.2268, 11.6746
Hunter-Lab	27.8889, 23.0144, -36.8172

Details

The YUV color **80.6880, 30.2268, 11.6746** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **123.3120, -30.2268, -11.6746**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4540, 31.8212, 13.6338**, and **33.2100, 28.4905, 8.5858** is the 20% darker color. If you saturate the color by 10%, you get **69.7790, 35.6050, 13.3488**, and if you desaturate by 10%, it is **91.5970, 24.8487, 10.0004**.

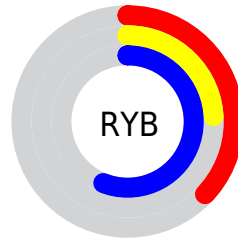
Distribution



Red (37%)

Green (24%)

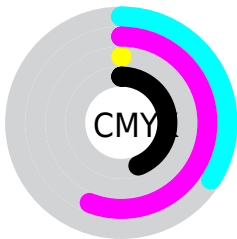
Blue (56%)



Red (37%)

Yellow (24%)

Blue (56%)

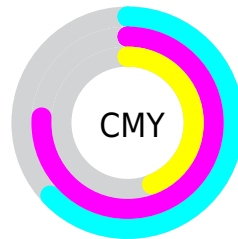


Cyan (34%)

Magenta (56%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.6880, 30.2268, 11.6746 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 80.6880, 30.2268, 11.6746 by changing the saturation by 10% instead.

80.6880, 30.2268,
11.6746

80.6880, 30.2268,
11.6746

255.0000, 0.0000,
0.0000

56.4490, 29.3586,
10.1302

131.4540, 31.8212,
13.6338

33.2100, 28.4905,
8.5858

157.6930, 32.6894,
15.1782

13.0200, 26.6121,
4.3675

185.2200, 33.4155,
15.5931

5.0160, 19.2191,
-4.3990

209.6690, 22.3482,
18.7073

3.0950, 9.3202,
-2.7143

233.2810, 10.7075,
19.0476

0.0000, 0.0000,
0.0000

250.3040, 2.3151,

4.1184

■ 80.6880, 30.2268,
11.6746

■ 80.6880, 30.2268,
11.6746

■ 69.7790, 35.6050,
13.3488

■ 91.5970, 24.8487,
10.0004

■ 59.1690, 40.8357,
15.6378

■ 102.2070, 19.6179,
7.7115

■ 47.6730, 46.5032,
17.8268

■ 113.7030, 13.9504,
5.5225

■ 37.0630, 51.7339,
20.1157

■ 124.3130, 8.7197,
3.2335

■ 33.2310, 53.6231,
20.8454

■ 135.2220, 3.3416,
1.5593

■ 145.8320, -1.8892,
-0.7297

■ 156.7410, -7.2673,
-2.4039

■ 167.9380,
-12.7874, -5.2076

■ 178.8470,
-18.1656, -6.8818

Harmonies

Analogous

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



65.0860, 46.2996, -57.0804



80.6880, 30.2268, 11.6746



76.2710, 16.1354, 51.5053

Triad

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



80.6880, 30.2268, 11.6746



74.3230, -36.6412, 39.1817



67.1990, 11.2409, -58.9335

Complementary

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



80.6880, 30.2268, 11.6746



123.3120, -30.2268, -11.6746

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.



61.2370, -6.5258, -53.7048



80.6880, 30.2268, 11.6746



72.9620, -35.9703, 10.5573

Square

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



80.6880, 30.2268, 11.6746



72.8800, -21.1398, 60.6182



65.0180, -31.0679, -21.9408



71.0580, 28.5654, -62.3179

Rectangle

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



80.6880, 30.2268, 11.6746



71.4980, 5.1775, 66.2153



65.0180, -31.0679, -21.9408



65.0160, 5.4151, -57.0190

Sweetspot

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



80.6880, 30.2268, 11.6746



159.5350, 12.0612, 4.7928



99.2960, 21.0531, -32.7086



77.5580, 7.1199, 3.0186



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



80.6880, 30.2268, 11.6746



88.2000, 47.2294, 18.2416



92.6480, 24.3305, 36.2657



65.6950, 2.6154, 1.1445



31.5360, 51.0078, 19.7009



1.8090, 3.0522, 1.0445

Inverse Universe

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



91.3920, 9.1737, 44.3832



104.9250, 14.3340, 69.3488



111.3520, -24.3305, -36.2657



66.6630, 1.1521, 3.8035



49.5990, 15.4807, 74.8967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 80.6880, 30.2268, 11.6746 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



This preview shows how the YUV color 80.6880, 30.2268, 11.6746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

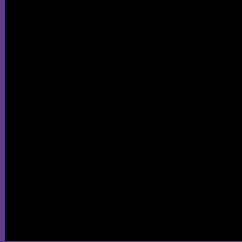
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.6880, 30.2268, 11.6746

Background



This preview shows how black text looks on a background with the YUV color 80.6880, 30.2268, 11.6746.



This preview shows how white text looks on a background with the YUV color 80.6880, 30.2268,

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

80.6880, 30.2268, 11.6746

Protanopia

70.5830, 42.6036, -38.2223

Deuteranopia

71.6620, 32.7046, -36.5376



Tritanopia

79.2930, 2.3206, 2.3740

Trichromacy



Original Color

80.6880, 30.2268, 11.6746

Protanomaly

74.2540, 38.3288, -20.3938

Deuteranomaly

74.5440, 31.7768, -18.8941

Tritanomaly

79.9480, 12.3506, 5.3076

Monochromacy



Original Color

80.6880, 30.2268, 11.6746

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8940, 10.8983, 4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.6880, 30.2268, 11.6746 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(94, 62, 142)` looks like.

```
.text, #text, p{  
    color:rgb(94, 62, 142)  
}
```

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(94, 62, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 62, 142) }
```

Border

The CSS property to change the border of an element to YUV 80.6880, 30.2268, 11.6746 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(94, 62, 142) }
```


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

```
.border{ border-color:rgb(94, 62, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 62, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 62, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 62, 142);  
box-shadow:4px 4px 4px 4px rgb(94, 62,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 80.6880, 30.2268, 11.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 62, 142) }
```

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

```
.background{ background-color: rgb(94, 62,  
142) }
```

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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