

Converting Colors

YUV(115.8280, 34.5948,
10.6748)

Have a look what the booklet for
YUV(115.8280, 34.5948, 10.6748)
contains.

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Color

**YUV(115.8280, 34.5948,
10.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	8060BA
RGB	128, 96, 186
RGB Percent	50%, 38%, 73%
CMY	0.4980, 0.6235, 0.2706
CMYK	0.31, 0.48, 0.00, 0.27
HSL	261°, 39%, 55%
HSV	261°, 48%, 73%
XYZ	21.9479, 16.5001, 48.4824
YIQ	115.8280, -9.8180, 34.7740

Conversions

Conversions Part 2

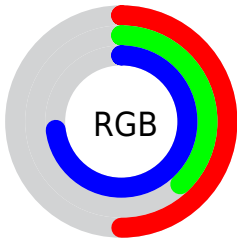
Format	Color
R _Y B	128, 96, 186
Decimal	8413370
CIE Lab	47.62, 32.51, -43.03
CIE LCh	48, 53.929, 307.075
Yxy	16.5001, 0.2525, 0.1898
Android (android.graphics.Color)	4286603450 (0xFF8060BA)
YUV	115.8280, 34.5948, 10.6748
Hunter-Lab	40.6203, 25.3612, -42.3314

Details

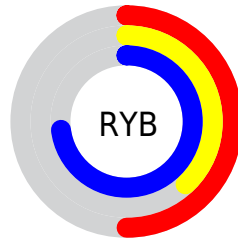
The YUV color **115.8280, 34.5948, 10.6748** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **166.1720, -34.5948, -10.6748**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7080, 36.6260, 12.5341**, and **65.6490, 32.7110, 8.2008** is the 20% darker color. If you saturate the color by 10%, you get **101.0870, 41.8621, 13.0787**, and if you desaturate by 10%, it is **130.5690, 27.3275, 8.2710**.

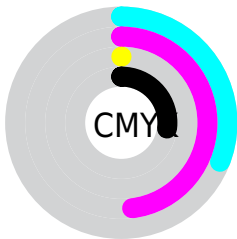
Distribution



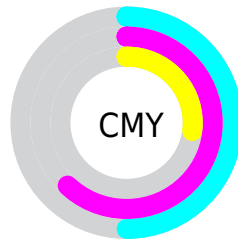
- Red (50%)
- Green (38%)
- Blue (73%)



- Red (50%)
- Yellow (38%)
- Blue (73%)



- Cyan (31%)
- Magenta (48%)
- Yellow (0%)
- Black (27%)



- Cyan (50%)
- Magenta (62%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8280, 34.5948, 10.6748 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 115.8280, 34.5948, 10.6748 by changing the saturation by 10% instead.

■ 115.8280, 34.5948,
10.6748

■ 115.8280, 34.5948,
10.6748

255.0000, 0.0000,
0.0000

■ 90.5890, 33.7266,
9.1304

■ 168.7080, 36.6260,
12.5341

■ 65.6490, 32.7110,
8.2008

■ 194.5960, 29.7792,
15.2633

■ 42.1110, 31.9903,
6.0417

■ 219.7030, 17.4014,
18.6775

■ 17.6760, 31.7117,
2.0381

■ 240.3250, 7.2348,
12.8700

■ 6.6120, 25.3343,
-5.7987

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 115.8280, 34.5948,
10.6748

■ 115.8280, 34.5948,
10.6748

■ 101.0870, 41.8621,
13.0787

■ 130.5690, 27.3275,
8.2710

■ 86.9330, 48.8400,
14.9678

■ 144.7230, 20.3496,
6.3819

■ 72.1920, 56.1073,
17.3716

■ 159.4640, 13.0822,
3.9781

■ 58.0380, 63.0853,
19.2607

■ 173.6180, 6.1043,
2.0890

■ 43.2970, 70.3526,
21.6645

■ 188.3590, -1.1630,
-0.3148

■ 40.9380, 71.5156,
21.9794

■ 203.1000, -8.4303,
-2.7187

■ 217.2540,
-15.4082, -4.6078

■ 231.9950,
-22.6755, -7.0116

■ 241.4530,
-27.3383, -4.7823

Harmonies

Analogous

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



90.7610, 55.8268, -79.5974



115.8280, 34.5948, 10.6748



114.2220, 17.1456, 54.1793

Triad

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



115.8280, 34.5948, 10.6748



108.8850, -42.3413, 47.4589



92.6800, 14.9478, -81.2804

Complementary

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



115.8280, 34.5948, 10.6748



166.1720, -34.5948, -10.6748

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.



86.1480, -5.0030, -75.5518



115.8280, 34.5948, 10.6748



104.2930, -51.4164, 18.1600

Square

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



115.8280, 34.5948, 10.6748



108.9520, -23.6403, 69.3251



100.7470, -33.3993, -20.8261



97.1090, 34.4563, -85.1646

Rectangle

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



115.8280, 34.5948, 10.6748



110.5910, 4.1456, 70.5187



100.7470, -33.3993, -20.8261



90.8560, 7.9590, -79.6807

Sweetspot

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



115.8280, 34.5948, 10.6748



213.9910, 13.8084, 4.3929



140.8930, 22.2378, -39.3712



104.9000, 8.4303, 2.7187



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



115.8280, 34.5948, 10.6748



132.9100, 53.7814, 16.7419



128.9840, 28.1089, 37.7250



84.9230, 3.4890, 0.9445



34.2290, 60.0331, 18.2162



6.1820, 10.7563, 3.3484

Inverse Universe

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



129.5220, 12.0677, 49.5312



154.1200, 18.6748, 77.0708



152.7170, -27.9615, -38.3398



86.3750, 1.2941, 4.9331



58.0440, 20.6843, 85.9074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 115.8280, 34.5948, 10.6748 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 × Fail

Black Background



This preview shows how the YUV color 115.8280, 34.5948, 10.6748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

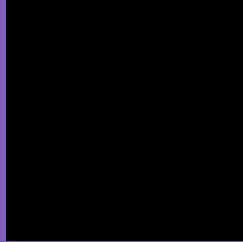
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.8280, 34.5948, 10.6748

Background



This preview shows how black text looks on a background with the YUV color 115.8280, 34.5948, 10.6748.



This preview shows how white text looks on a background with the YUV color 115.8280, 34.5948,

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

115.8280, 34.5948, 10.6748

Protanopia

108.7840, 44.4765, -32.2596

Deuteranopia

108.6070, 36.1827, -32.1043



Tritanopia

113.8090, 3.0522, 1.0445

Trichromacy



Original Color

115.8280, 34.5948, 10.6748

Protanomaly

111.2590, 40.7913, -16.8901

Deuteranomaly

111.1790, 35.4078, -16.8200

Tritanomaly

114.5180, 14.5346, 4.8077

Monochromacy



Original Color

115.8280, 34.5948, 10.6748

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8280, 34.5948, 10.6748 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(128, 96, 186)` looks like.

```
.text, #text, p{  
    color:rgb(128, 96, 186)  
}
```

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(128, 96, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 96, 186) }
```

Border

The CSS property to change the border of an element to YUV 115.8280, 34.5948, 10.6748 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(128, 96, 186) }
```


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

```
.border{ border-color:rgb(128, 96, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 96, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 96, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 96, 186);  
box-shadow:4px 4px 4px 4px rgb(128, 96,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 115.8280, 34.5948, 10.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 96, 186) }
```

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

```
.background{ background-color: rgb(128, 96,  
186) }
```

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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