

Converting Colors

YUV(66.4380, 36.2661, 34.6959)

Have a look what the booklet for
YUV(66.4380, 36.2661, 34.6959)
contains.

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Color

**YUV(66.4380, 36.2661,
34.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	6A208C
RGB	106, 32, 140
RGB Percent	42%, 13%, 55%
CMY	0.5843, 0.8745, 0.4510
CMYK	0.24, 0.77, 0.00, 0.45
HSL	281°, 63%, 34%
HSV	281°, 77%, 55%
XYZ	11.1940, 5.9906, 25.3773
YIQ	66.4380, 9.4360, 49.2760

Conversions

Conversions Part 2

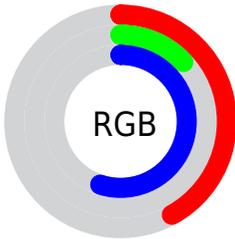
Format	Color
R _{YB}	106, 32, 140
Decimal	6955148
CIE _{Lab}	29.39, 49.44, -44.82
CIE _{LCh}	29, 66.738, 317.806
Yxy	5.9906, 0.2630, 0.1408
Android (android.graphics.Color)	4285145228 (0xFF6A208C)
YUV	66.4380, 36.2661, 34.6959
Hunter-Lab	24.4758, 38.8043, -44.3407

Details

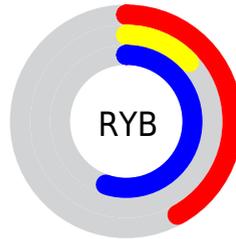
The YUV color **66.4380, 36.2661, 34.6959** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **105.5620, -36.2661, -34.6959**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1500, 36.4081, 35.8255**, and **25.9930, 31.0625, 23.6851** is the 20% darker color. If you saturate the color by 10%, you get **57.0240, 40.9072, 39.4440**, and if you desaturate by 10%, it is **75.8520, 31.6250, 29.9478**.

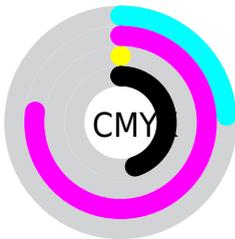
Distribution



- Red (42%)
- Green (13%)
- Blue (55%)



- Red (42%)
- Yellow (13%)
- Blue (55%)



- Cyan (24%)
- Magenta (77%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4380, 36.2661, 34.6959 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 66.4380, 36.2661, 34.6959 by changing the saturation by 10% instead.

66.4380, 36.2661,
34.6959

66.4380, 36.2661,
34.6959

255.0000, 0.0000,
0.0000

36.6170, 38.1498,
37.1699

120.1500, 36.4081,
35.8255

25.9930, 31.0625,
23.6851

147.0900, 37.4236,
36.7551

16.6790, 23.8223,
12.5595

174.2150, 37.8550,
38.3994

4.7880, 18.3455,
-4.1991

199.7780, 27.2244,
41.4137

2.8670, 8.4466,
-2.5144

218.6060, 17.9422,
31.9175

0.0000, 0.0000,
0.0000

235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

66.4380, 36.2661,
34.6959

66.4380, 36.2661,
34.6959

57.0240, 40.9072,
39.4440

75.8520, 31.6250,
29.9478

47.3110, 45.6957,
43.5773

85.5650, 26.8365,
25.8145

44.6640, 47.0006,
45.0217

94.9790, 22.1954,
21.0664

104.6920, 17.4068,
16.9331

114.1060, 12.7657,
12.1850

■ 123.5200, 8.1246,
7.4370

■ 133.2330, 3.3361,
3.3037

■ 142.6470, -1.3050,
-1.4444

■ 152.3600, -6.0935,
-5.5777

Harmonies

Analogous

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



58.1220, 55.1559, -50.9730



66.4380, 36.2661, 34.6959



54.5550, 18.9534, 81.0743

Triad

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



66.4380, 36.2661, 34.6959



65.4300, -32.2570, 32.9489



63.6430, 17.9240, -55.8149

Complementary

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



66.4380, 36.2661, 34.6959



105.5620, -36.2661, -34.6959

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.



56.7860, -5.8105, -49.8013



66.4380, 36.2661, 34.6959



61.6550, -30.3959, -4.0824

Square

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



66.4380, 36.2661, 34.6959



55.6380, -27.4295, 71.3545



49.3080, -24.3088, -43.2431



68.8870, 38.0167, -60.4139

Rectangle

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



66.4380, 36.2661, 34.6959



53.0710, 2.9230, 89.3917



49.3080, -24.3088, -43.2431



61.5910, 10.0616, -54.0153

Sweetspot

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



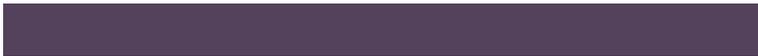
66.4380, 36.2661, 34.6959



152.4590, 14.0707, 13.6295



64.2700, 37.3349, -28.3008



74.3460, 8.7034, 8.4666



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.



66.4380, 36.2661, 34.6959



66.5370, 56.4303, 53.9031



74.3240, 22.5183, 57.5979



64.2930, 2.3206, 2.3740



42.3710, 44.6801, 42.6476



1.4670, 1.7418, 1.3444

Inverse Universe

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



68.1680, -1.0688, 62.9967



69.2740, -1.6141, 97.9837



97.6760, -22.5183, -57.5979



64.3210, -0.1583, 4.1035



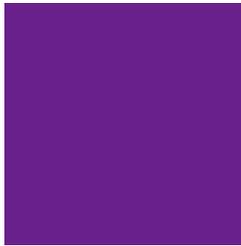
44.5550, -1.2596, 77.5663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 66.4380, 36.2661, 34.6959 looks on a white background.

Color Contrast Check

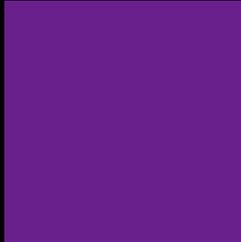
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.4380, 36.2661, 34.6959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

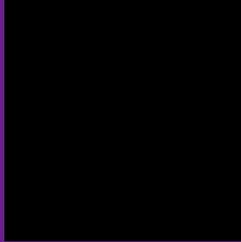
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4380, 36.2661, 34.6959

Background



This preview shows how black text looks on a background with the YUV color 66.4380, 36.2661, 34.6959.



This preview shows how white text looks on a background with the YUV color 66.4380, 36.2661,

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

66.4380, 36.2661, 34.6959

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.6280, 34.2004, -49.6628



Tritanopia

71.3230, -3.1172, 19.8877

Trichromacy



Original Color

66.4380, 36.2661, 34.6959

Protanomaly

60.1340, 40.3599, -18.5345

Deuteranomaly

60.0540, 34.9764, -18.4644

Tritanomaly

69.1400, 11.2700, 25.3102

Monochromacy



Original Color

66.4380, 36.2661, 34.6959

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.5190, 13.0551, 12.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4380, 36.2661, 34.6959 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(106, 32, 140)` looks like.

```
.text, #text, p{  
    color:rgb(106, 32, 140)  
}
```

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(106, 32, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 32, 140) }
```

Border

The CSS property to change the border of an element to YUV 66.4380, 36.2661, 34.6959 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(106, 32, 140) }
```

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

```
.border{ border-color:rgb(106, 32, 140) }
```

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

Here you see how a box with a 4 pixel rgb(106, 32, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 32, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 32, 140);  
box-shadow:4px 4px 4px 4px rgb(106, 32,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 66.4380, 36.2661, 34.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 32, 140) }
```

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

```
.background{ background-color: rgb(106, 32,  
140) }
```

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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