

Converting Colors

YUV(66.0380, 36.4633, 64.8647)

Have a look what the booklet for
YUV(66.0380, 36.4633, 64.8647)
contains.

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Color

**YUV(66.0380, 36.4633,
64.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0E8C
RGB	140, 14, 140
RGB Percent	55%, 5%, 55%
CMY	0.4510, 0.9451, 0.4510
CMYK	0.00, 0.90, 0.00, 0.45
HSL	300°, 82%, 30%
HSV	300°, 90%, 55%
XYZ	15.7059, 7.7830, 25.4854
YIQ	66.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

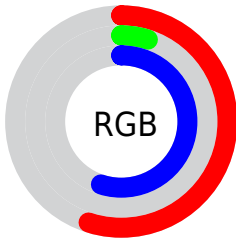
Format	Color
R _Y B	140, 14, 140
Decimal	9178764
CIE Lab	33.53, 60.90, -37.86
CIE LCh	34, 71.710, 328.128
Yxy	7.7830, 0.3207, 0.1589
Android (android.graphics.Color)	4287368844 (0xFF8C0E8C)
YUV	66.0380, 36.4633, 64.8647
Hunter-Lab	27.8980, 51.6696, -34.6341

Details

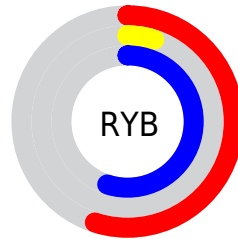
The YUV color **66.0380, 36.4633, 64.8647** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **87.9620, -36.4633, -64.8647**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9790, 32.5484, 60.5314**, and **35.5610, 26.3454, 43.3580** is the 20% darker color. If you saturate the color by 10%, you get **57.8200, 40.5147, 72.0719**, and if you desaturate by 10%, it is **74.2560, 32.4118, 57.6575**.

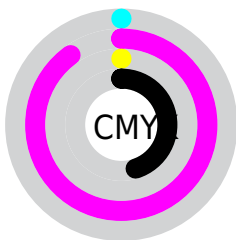
Distribution



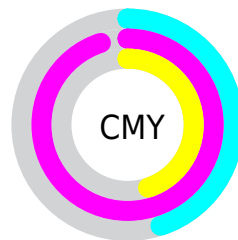
- Red (55%)
- Green (5%)
- Blue (55%)



- Red (55%)
- Yellow (5%)
- Blue (55%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0380, 36.4633, 64.8647 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 66.0380, 36.4633, 64.8647 by changing the saturation by 10% instead.

66.0380, 36.4633,
64.8647

66.0380, 36.4633,
64.8647

255.0000, 0.0000,
0.0000

46.4840, 33.2854,
57.4575

127.9790, 32.5484,
60.5314

35.5610, 26.3454,
43.3580

156.2780, 32.4009,
61.1462

25.0510, 19.6949,
29.7733

184.6910, 32.6903,
61.6610

14.6550, 13.4811,
16.0886

201.5830, 26.3346,
46.8467

2.8670, 8.4466,
-2.5144

218.0190, 18.2316,
32.4323

0.0000, 0.0000,
0.0000

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

66.0380, 36.4633,
64.8647

66.0380, 36.4633,
64.8647

57.8200, 40.5147,
72.0719

74.2560, 32.4118,
57.6575

82.4740, 28.3603,
50.4503

90.6920, 24.3088,
43.2431

98.9100, 20.2574,
36.0359

107.1280, 16.2059,
28.8287

■ 115.3460, 12.1544,
21.6216

■ 123.5640, 8.1029,
14.4144

■ 131.7820, 4.0515,
7.2072

■ 140.0000, 0.0000,
0.0000

Harmonies

Analogous

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



73.4400, 53.0271, -21.4339



66.0380, 36.4633, 64.8647



60.8190, 11.9212, 96.6287

Triad

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



66.0380, 36.4633, 64.8647



74.5120, -36.7344, 22.3530



74.3350, 28.4288, -65.1918

Complementary

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



66.0380, 36.4633, 64.8647



87.9620, -36.4633, -64.8647

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.



67.1360, 3.3840, -58.8783



66.0380, 36.4633, 64.8647



65.3880, -32.2363, -20.5113

Square

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



66.0380, 36.4633, 64.8647



70.6340, -34.8226, 62.5880



57.3950, -26.3237, -50.3354



78.1770, 48.2267, -68.5612

Rectangle

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



66.0380, 36.4633, 64.8647



56.9000, -4.3877, 100.9427



57.3950, -26.3237, -50.3354



72.1690, 20.1297, -63.2922

Sweetspot

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



66.0380, 36.4633, 64.8647



152.2370, 14.1802, 25.2252



28.3640, 55.0365, -12.5972



74.3900, 8.6817, 15.4440



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.



66.0380, 36.4633, 64.8647



74.7530, 52.3798, 93.1786



58.8560, 8.9450, 71.1633



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



66.0380, 36.4633, 64.8647



74.7530, 52.3798, 93.1786



95.1440, -8.9450, -71.1633



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 66.0380, 36.4633, 64.8647 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

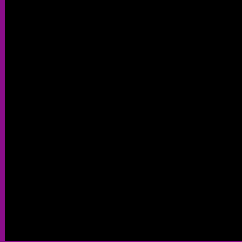
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0380, 36.4633, 64.8647

Background



This preview shows how black text looks on a background with the YUV color 66.0380, 36.4633, 64.8647.



This preview shows how white text looks on a background with the YUV color 66.0380, 36.4633,

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

66.0380, 36.4633, 64.8647

Protanopia

64.5960, 49.4992, -56.6507

Deuteranopia

77.2460, 26.9937, -24.7717



Tritanopia

78.8810, -9.3083, 45.7084

Trichromacy



Original Color

66.0380, 36.4633, 64.8647



Protanomaly

65.3180, 44.7062, -12.5569



Deuteranomaly

73.3670, 30.3851, 7.5711



Tritanomaly

74.2790, 7.2575, 52.3753

Monochromacy



Original Color

66.0380, 36.4633, 64.8647



Achromatopsia

66.0000, 0.0000, 0.0000



Achromatomaly

65.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0380, 36.4633, 64.8647 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(140, 14, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 14, 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(140, 14, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 14, 140) }
```

Border

The CSS property to change the border of an element to YUV 66.0380, 36.4633, 64.8647 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(140, 14, 140) }
```


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

```
.border{ border-color:rgb(140, 14, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 14, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 14, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 14, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 14,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 66.0380, 36.4633, 64.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 14, 140) }
```

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

```
.background{ background-color: rgb(140, 14,  
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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