

Converting Colors

YUV(65.4710, 36.2498, 39.9289)

Have a look what the booklet for
YUV(65.4710, 36.2498, 39.9289)
contains.

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Color

**YUV(65.4710, 36.2498,
39.9289)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6F1C8B |
| RGB | 111, 28, 139 |
| RGB Percent | 44%, 11%, 55% |
| CMY | 0.5647, 0.8902, 0.4549 |
| CMYK | 0.20, 0.80, 0.00, 0.45 |
| HSL | 285°, 66%, 33% |
| HSV | 285°, 80%, 55% |
| XYZ | 11.6310, 6.0741, 24.9855 |
| YIQ | 65.4710, 13.8370, 52.1170 |

Conversions

Conversions Part 2

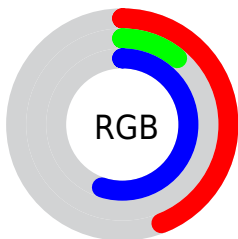
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 28, 139 |
| Decimal | 7281803 |
| CIE _{Lab} | 29.60, 51.69, -43.83 |
| CIE _{LCh} | 30, 67.768, 319.706 |
| Yxy | 6.0741, 0.2724, 0.1423 |
| Android (android.graphics.Color) | 4285471883 (0xFF6F1C8B) |
| YUV | 65.4710, 36.2498, 39.9289 |
| Hunter-Lab | 24.6457, 41.1093, -42.8555 |

Details

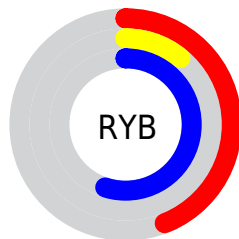
The YUV color **65.4710, 36.2498, 39.9289** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **101.5290, -36.2498, -39.9289**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3570, 35.8130, 40.0289**, and **27.3740, 29.8886, 26.8590** is the 20% darker color. If you saturate the color by 10%, you get **56.0570, 40.8909, 44.6770**, and if you desaturate by 10%, it is **74.8850, 31.6087, 35.1809**.

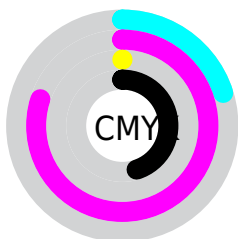
Distribution



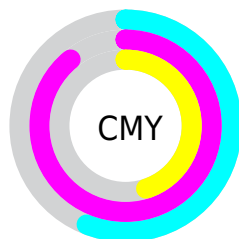
- Red (44%)
- Green (11%)
- Blue (55%)



- Red (44%)
- Yellow (11%)
- Blue (55%)



- Cyan (20%)
- Magenta (80%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4710, 36.2498, 39.9289 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 65.4710, 36.2498, 39.9289 by changing the saturation by 10% instead.

65.4710, 36.2498,
39.9289

65.4710, 36.2498,
39.9289

255.0000, 0.0000,
0.0000

37.9980, 36.9760,
40.3438

120.3570, 35.8130,
40.0289

27.3740, 29.8886,
26.8590

147.1830, 36.3918,
41.0585

18.0600, 22.6484,
15.7334

175.0090, 36.9706,
42.0881

4.6740, 17.9087,
-4.0991

200.3980, 26.9188,
46.1320

2.7530, 8.0098,
-2.4144

217.4320, 18.5210,
32.9471

0.0000, 0.0000,
0.0000

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

65.4710, 36.2498,
39.9289

65.4710, 36.2498,
39.9289

56.0570, 40.8909,
44.6770

74.8850, 31.6087,
35.1809

46.9420, 45.3846,
50.0399

84.0000, 27.1150,
29.8180

93.4140, 22.4739,
25.0699

102.5290, 17.9802,
19.7071

111.9430, 13.3391,
14.9590

■ 120.4710, 9.1348,
10.1109

■ 129.8850, 4.4937,
5.3629

■ 139.0000, 0.0000,
0.0000

■ 148.4140, -4.6411,
-4.7481

Harmonies

Analogous

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



57.6490, 55.8820, -50.5582



65.4710, 36.2498, 39.9289



55.1100, 17.2008, 83.2185

Triad

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



65.4710, 36.2498, 39.9289



66.0060, -32.5410, 30.6897



64.6860, 19.3818, -56.7296

Complementary

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



65.4710, 36.2498, 39.9289



101.5290, -36.2498, -39.9289

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.



57.8290, -4.3527, -50.7160



65.4710, 36.2498, 39.9289



61.6330, -30.3851, -7.5711

Square

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



65.4710, 36.2498, 39.9289



57.3990, -28.2977, 69.8101



49.8950, -24.5982, -43.7579



69.4570, 40.2007, -60.9138

Rectangle

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



65.4710, 36.2498, 39.9289



53.3270, 1.3178, 90.9212



49.8950, -24.5982, -43.7579



62.6340, 11.5194, -54.9300

Sweetspot

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



65.4710, 36.2498, 39.9289



152.4700, 14.0653, 15.3738



58.2640, 39.8028, -26.5415



74.0580, 8.8454, 9.5961



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.



65.4710, 36.2498, 39.9289



65.7060, 56.8399, 62.5248



70.8790, 20.7657, 59.7421



64.2930, 2.3206, 2.3740



44.7630, 43.5008, 47.5658



1.7660, 1.5944, 1.9592

Inverse Universe

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



64.3810, -4.1318, 65.4409



64.0420, -6.4297, 102.5722



96.1210, -20.7657, -59.7421



64.3210, -0.1583, 4.1035



43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 65.4710, 36.2498, 39.9289 looks on a white background.

Color Contrast Check

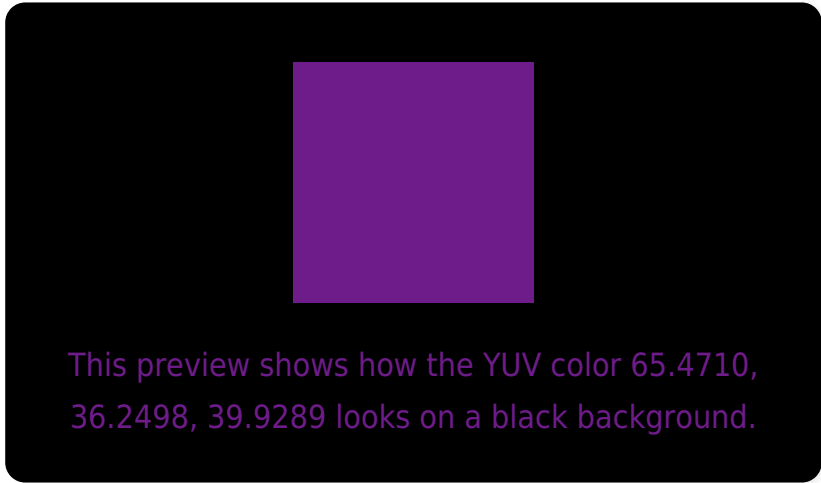
Large Text (above 18pt) WCAG AA ✓ Pass

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

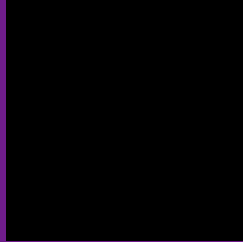
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.4710, 36.2498, 39.9289

Background



This preview shows how black text looks on a background with the YUV color 65.4710, 36.2498, 39.9289.



This preview shows how white text looks on a background with the YUV color 65.4710, 36.2498,

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

65.4710, 36.2498, 39.9289

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

56.8560, 35.0740, -49.8627



Tritanopia

71.7150, -4.2965, 24.8059

Trichromacy



Original Color

65.4710, 36.2498, 39.9289

Protanomaly

59.9600, 40.9387, -17.5049

Deuteranomaly

59.8800, 35.5552, -17.4348

Tritanomaly

69.6460, 10.5275, 30.1285

Monochromacy



Original Color

65.4710, 36.2498, 39.9289

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.5300, 13.0497, 14.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4710, 36.2498, 39.9289 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(111, 28, 139)` looks like.

```
.text, #text, p{  
    color:rgb(111, 28, 139)  
}
```

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(111, 28, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 28, 139) }
```

Border

The CSS property to change the border of an element to YUV 65.4710, 36.2498, 39.9289 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(111, 28, 139) }
```


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

```
.border{ border-color:rgb(111, 28, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 28, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 28, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 28, 139);  
box-shadow:4px 4px 4px 4px rgb(111, 28,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 65.4710, 36.2498, 39.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 28, 139) }
```

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

```
.background{ background-color: rgb(111, 28,  
139) }
```

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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