

Converting Colors

YUV(75.6380, 36.6605, 95.0335)

Have a look what the booklet for
YUV(75.6380, 36.6605, 95.0335)
contains.

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Color

**YUV(75.6380, 36.6605,
95.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	B80696
RGB	184, 6, 150
RGB Percent	72%, 2%, 59%
CMY	0.2784, 0.9765, 0.4118
CMYK	0.00, 0.97, 0.18, 0.28
HSL	311°, 94%, 37%
HSV	311°, 97%, 72%
XYZ	25.3373, 12.5226, 29.9358
YIQ	75.6380, 59.8640, 82.5200

Conversions

Conversions Part 2

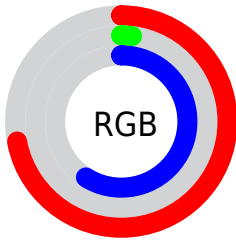
Format	Color
RYB	184, 6, 150
Decimal	12060310
CIELab	42.03, 71.64, -29.99
CIElCh	42, 77.666, 337.286
Yxy	12.5226, 0.3737, 0.1847
Android (android.graphics.Color)	4290250390 (0xFFB80696)
YUV	75.6380, 36.6605, 95.0335
Hunter-Lab	35.3873, 65.8783, -25.3852

Details

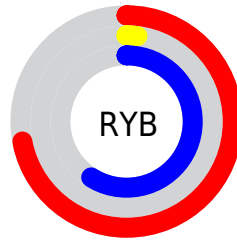
The YUV color **75.6380, 36.6605, 95.0335** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **114.3620, -36.6605, -95.0335**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3950, 28.3993, 84.7226**, and **48.9600, 24.6697, 67.5641** is the 20% darker color. If you saturate the color by 10%, you get **72.0020, 37.9600, 98.2222**, and if you desaturate by 10%, it is **86.6600, 33.1986, 85.3672**.

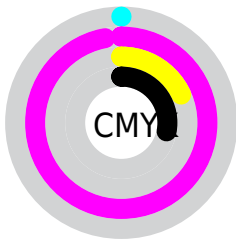
Distribution



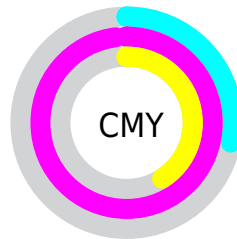
- Red (72%)
- Green (2%)
- Blue (59%)



- Red (72%)
- Yellow (2%)
- Blue (59%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (28%)





- Cyan (28%)
- Magenta (98%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.6380, 36.6605, 95.0335 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 75.6380, 36.6605, 95.0335 by changing the saturation by 10% instead.


 75.6380, 36.6605,
95.0335


 75.6380, 36.6605,
95.0335


255.0000, 0.0000,
0.0000


 60.4810, 31.3149,
82.8932


 147.3950, 28.3993,
84.7226


 48.9600, 24.6697,
67.5641


 171.4860, 30.3264,
73.2418


 37.7380, 17.8772,
52.8498

 191.0170, 31.5436,
56.1131

 27.1570, 12.2476,
38.4503

 208.0400, 23.1513,
41.1839

 16.1630, 6.3286,
23.5360

 225.6500, 14.4696,
25.7400

 0.0000, 0.0000,
0.0000

 242.6730, 6.0772,

■ 75.6380, 36.6605,
95.0335

■ 75.6380, 36.6605,
95.0335

■ 72.0020, 37.9600,
98.2222

■ 86.6600, 33.1986,
85.3672

■ 98.1550, 29.0106,
75.2861

■ 109.1770, 25.5487,
65.6198

■ 120.6720, 21.3607,
55.5387

■ 131.6940, 17.8989,
45.8724

■ 142.6020, 14.0002,
36.3060

■ 154.2110, 10.2490,
26.1250

■ 165.1190, 6.3503,
16.5586

■ 176.7280, 2.5991,
6.3775

Harmonies

Analogous

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



99.1930, 51.1769, 12.1087



75.6380, 36.6605, 95.0335



71.8110, 7.4882, 118.5608

Triad

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



75.6380, 36.6605, 95.0335



92.1660, -45.4378, 13.8864



93.4390, 40.7026, -81.9460

Complementary

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



75.6380, 36.6605, 95.0335



114.3620, -36.6605, -95.0335

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.



86.3710, 13.6211, -75.7474



75.6380, 36.6605, 95.0335



75.8660, -37.4019, -43.7325

Square

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



75.6380, 36.6605, 95.0335



92.1530, -45.4314, 58.6248



76.7440, -15.6498, -67.3045



94.8190, 61.2212, -83.1563

Rectangle

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



75.6380, 36.6605, 95.0335



65.5280, -10.1203, 119.6859



76.7440, -15.6498, -67.3045



91.2730, 32.4034, -80.0464

Sweetspot

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



75.6380, 36.6605, 95.0335



197.3140, 14.1422, 37.4356



36.1590, 72.8856, 2.4916



94.4340, 8.6600, 22.4214



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



75.6380, 36.6605, 95.0335



93.8760, 49.3611, 128.1507



65.6060, -1.7778, 103.8315



86.4890, 1.7309, 4.8331



61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Inverse Universe

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



75.6380, 36.6605, 95.0335



93.8760, 49.3611, 128.1507



124.3940, 1.7778, -103.8315



86.4890, 1.7309, 4.8331



61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 75.6380, 36.6605, 95.0335 looks on a white background.

Color Contrast Check

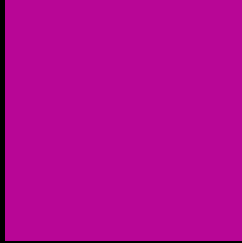
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.6380, 36.6605, 95.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

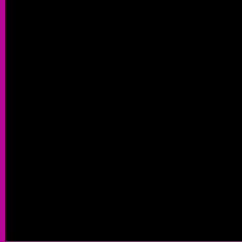
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6380, 36.6605, 95.0335

Background



This preview shows how black text looks on a background with the YUV color 75.6380, 36.6605, 95.0335.



This preview shows how white text looks on a background with the YUV color 75.6380, 36.6605,

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

75.6380, 36.6605, 95.0335

Protanopia

81.2380, 62.4937, -71.2457

Deuteranopia

101.0860, 19.6776, -11.4764



Tritanopia

94.6240, -16.0836, 72.2438

Trichromacy



Original Color

75.6380, 36.6605, 95.0335



Protanomaly

79.5060, 52.9945, -10.9678



Deuteranomaly

91.9350, 25.6680, 27.2440



Tritanomaly

88.0160, 2.9501, 80.6700

Monochromacy



Original Color

75.6380, 36.6605, 95.0335



Achromatopsia

76.0000, 0.0000, 0.0000



Achromatomaly

76.0640, 13.2794, 34.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6380, 36.6605, 95.0335 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(184, 6, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 6, 150)  
}
```

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(184, 6, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 6, 150) }
```

Border

The CSS property to change the border of an element to YUV 75.6380, 36.6605, 95.0335 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(184, 6, 150) }
```


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

```
.border{ border-color:rgb(184, 6, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 6, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 6, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 6, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 6,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 75.6380, 36.6605, 95.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 6, 150) }
```

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

```
.background{ background-color: rgb(184, 6,  
150) }
```

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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