

Converting Colors

YUV(95.7390, -0.3643, 70.3889)

Have a look what the booklet for
YUV(95.7390, -0.3643, 70.3889)
contains.

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Color

**YUV(95.7390, -0.3643,
70.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	B0375F
RGB	176, 55, 95
RGB Percent	69%, 22%, 37%
CMY	0.3098, 0.7843, 0.6275
CMYK	0.00, 0.69, 0.46, 0.31
HSL	340°, 52%, 45%
HSV	340°, 69%, 69%
XYZ	21.3362, 12.7887, 12.1704
YIQ	95.7390, 59.2760, 38.0920

Conversions

Conversions Part 2

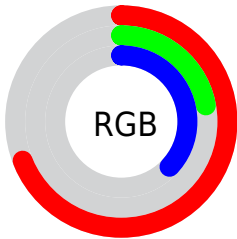
Format	Color
R_{YB}	176, 55, 95
Decimal	11548511
CIE _{Lab}	42.44, 51.97, 4.42
CIE _{LCh}	42, 52.154, 4.865
Yxy	12.7887, 0.4609, 0.2762
Android (android.graphics.Color)	4289738591 (0xFFB0375F)
YUV	95.7390, -0.3643, 70.3889
Hunter-Lab	35.7613, 43.9161, 4.8552

Details

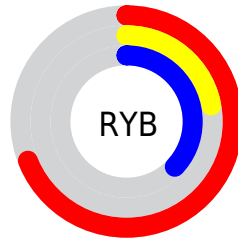
The YUV color **95.7390, -0.3643, 70.3889** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **135.2610, 0.3643, -70.3889**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6640, -3.2854, 73.9627**, and **40.8680, 4.0091, 67.6448** is the 20% darker color. If you saturate the color by 10%, you get **83.8050, -0.3969, 80.8550**, and if you desaturate by 10%, it is **107.6730, -0.3318, 59.9228**.

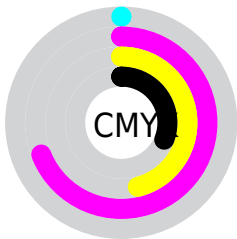
Distribution



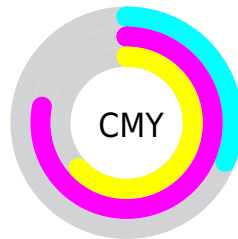
- Red (69%)
- Green (22%)
- Blue (37%)



- Red (69%)
- Yellow (22%)
- Blue (37%)



- Cyan (0%)
- Magenta (69%)
- Yellow (46%)
- Black (31%)





- Cyan (31%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7390, -0.3643, 70.3889 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 95.7390, -0.3643, 70.3889 by changing the saturation by 10% instead.

 95.7390, -0.3643,
70.3889


 95.7390, -0.3643,
70.3889


255.0000, 0.0000,
0.0000


 65.5480, 2.6878,
71.4334


 151.6640, -3.2854,
73.9627

 40.8680, 4.0091,
67.6448


 176.2720, -2.1061,
69.0445


 30.2160, -0.5995,
52.4306

 195.7860, 1.5845,
51.9307

 19.2500, -8.9972,
39.2458

 215.4140, 5.7119,
34.7169

 9.9810, -4.4276,
20.1877

 235.6290, 9.5499,
16.9884

 0.0000, 0.0000,
0.0000

 252.6520, 1.1576,

2.0592

■ 95.7390, -0.3643,
70.3889

■ 95.7390, -0.3643,
70.3889

■ 83.8050, -0.3969,
80.8550

■ 107.6730, -0.3318,
59.9228

■ 72.4580, -0.7188,
90.8063

■ 119.0200, -0.0099,
49.9715

■ 60.6380, -0.3145,
101.1725

■ 130.8400, -0.4141,
39.6053

■ 59.2360, -0.6093,
102.4020

■ 142.1870, -0.0922,
29.6540

■ 154.1210, -0.0597,
19.1879

■ 166.0550, -0.0271,
8.7218

■ 177.2880, -0.1420,
-1.1296

■ 189.2220, -0.1094,
-11.5957

■ 200.5690, 0.2125,
-21.5470

Harmonies

Analogous

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



100.8300, 18.3248, 49.2611



95.7390, -0.3643, 70.3889



95.3260, -20.8667, 66.3661

Triad

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



95.7390, -0.3643, 70.3889



87.9540, -33.9943, -16.6227



87.2100, 44.7595, -76.4832

Complementary

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



95.7390, -0.3643, 70.3889



135.2610, 0.3643, -70.3889

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.



86.7250, 30.2086, -76.0578



95.7390, -0.3643, 70.3889



75.7470, -6.7773, -66.4301

Square

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



95.7390, -0.3643, 70.3889



93.3730, -46.0329, 18.0899



82.5240, 11.5737, -72.3735



81.6650, 51.4372, -71.6202

Rectangle

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



95.7390, -0.3643, 70.3889



96.2200, -33.6325, 54.1811



82.5240, 11.5737, -72.3735



87.4720, 40.6863, -76.7129

Sweetspot

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



95.7390, -0.3643, 70.3889



197.4750, -0.2342, 28.5244



93.0130, 40.9126, 37.6996



95.8110, 0.0932, 16.8288



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



95.7390, -0.3643, 70.3889



103.2910, -0.6365, 111.1238



102.9190, -23.6241, 64.0920



83.0330, -0.0163, 5.2331



51.5610, -0.2766, 88.9620



8.6860, -0.3382, 15.1844

Inverse Universe

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



95.7390, -0.3643, 70.3889



103.2910, -0.6365, 111.1238



128.0810, 23.6241, -64.0920



83.0330, -0.0163, 5.2331



51.5610, -0.2766, 88.9620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 95.7390, -0.3643, 70.3889 looks on a white background.

Color Contrast Check

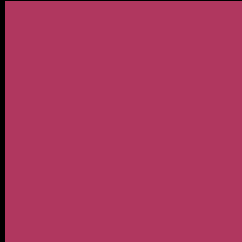
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.7390, -0.3643, 70.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

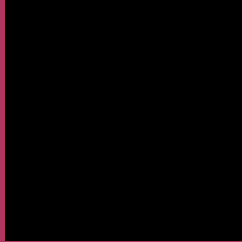
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.7390, -0.3643, 70.3889

Background



This preview shows how black text looks on a background with the YUV color 95.7390, -0.3643, 70.3889.



This preview shows how white text looks on a background with the YUV color 95.7390, -0.3643,

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

95.7390, -0.3643, 70.3889

Protanopia

101.4970, 9.6150, -3.9439

Deuteranopia

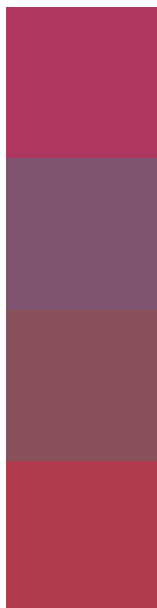
101.4700, -6.1477, 11.8658



Tritanopia

95.8300, -15.1992, 68.5551

Trichromacy



Original Color

95.7390, -0.3643, 70.3889

Protanomaly

99.7500, 6.0393, 23.0212

Deuteranomaly

99.4710, -4.1762, 32.9129

Tritanomaly

95.6220, -9.6736, 69.6145

Monochromacy



Original Color

95.7390, -0.3643, 70.3889

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8660, 0.0661, 25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7390, -0.3643, 70.3889 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(176, 55, 95)` looks like.

```
.text, #text, p{  
    color:rgb(176, 55, 95)  
}
```

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(176, 55, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 55, 95) }
```

Border

The CSS property to change the border of an element to YUV 95.7390, -0.3643, 70.3889 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(176, 55, 95) }
```


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

```
.border{ border-color:rgb(176, 55, 95) }
```

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

Here you see how a box with a 4 pixel rgb(176, 55, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 55, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 55, 95);  
box-shadow:4px 4px 4px 4px rgb(176, 55,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 95.7390, -0.3643, 70.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 55, 95) }
```

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

```
.background{ background-color: rgb(176, 55,  
95) }
```

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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