

Converting Colors

YUV(97.2890, 55.5665, 4.1315)

Have a look what the booklet for
YUV(97.2890, 55.5665, 4.1315)
contains.

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Color

**YUV(97.2890, 55.5665,
4.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	6649D2
RGB	102, 73, 210
RGB Percent	40%, 29%, 82%
CMY	0.6000, 0.7137, 0.1765
CMYK	0.51, 0.65, 0.00, 0.18
HSL	253°, 60%, 55%
HSV	253°, 65%, 82%
XYZ	19.4949, 12.2430, 62.3084
YIQ	97.2890, -26.6930, 48.7550

Conversions

Conversions Part 2

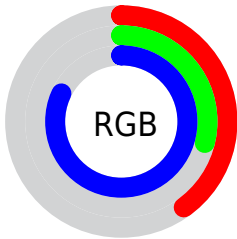
Format	Color
R_{YB}	102, 73, 210
Decimal	6703570
CIE _{Lab}	41.60, 46.60, -66.73
CIE _{LCh}	42, 81.392, 304.923
Yxy	12.2430, 0.2073, 0.1302
Android (android.graphics.Color)	4284893650 (0xFF6649D2)
YUV	97.2890, 55.5665, 4.1315
Hunter-Lab	34.9900, 38.2198, -81.0876

Details

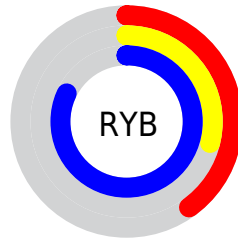
The YUV color **97.2890, 55.5665, 4.1315** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **185.7110, -55.5665, -4.1315**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4100, 52.0559, 10.1644**, and **42.6960, 54.8729, -6.7494** is the 20% darker color. If you saturate the color by 10%, you get **79.8790, 64.1497, 4.4911**, and if you desaturate by 10%, it is **114.6990, 46.9834, 3.7720**.

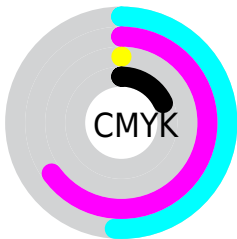
Distribution



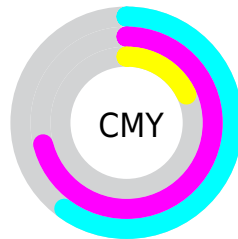
- Red (40%)
- Green (29%)
- Blue (82%)



- Red (40%)
- Yellow (29%)
- Blue (82%)



- Cyan (51%)
- Magenta (65%)
- Yellow (0%)
- Black (18%)



- Cyan (60%)
- Magenta (71%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2890, 55.5665, 4.1315 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 97.2890, 55.5665, 4.1315 by changing the saturation by 10% instead.

■ 97.2890, 55.5665,
4.1315

■ 97.2890, 55.5665,
4.1315

255.0000, 0.0000,
0.0000

■ 70.7400, 54.8512,
0.2280

■ 149.4100, 52.0559,
10.1644

■ 42.6960, 54.8729,
-6.7494

■ 173.9300, 39.9675,
14.0934

■ 15.1790, 55.6208,
-13.3120

■ 198.7490, 27.7317,
18.6371

■ 11.6280, 44.5534,
-10.1978

■ 224.1550, 15.2066,
22.6661

■ 9.3650, 33.3441,
-8.2131

■ 242.0860, 6.3666,
11.3256

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 97.2890, 55.5665,
4.1315

■ 97.2890, 55.5665,
4.1315

■ 79.8790, 64.1497,
4.4911

■ 114.6990, 46.9834,
3.7720

■ 62.7680, 72.5854,
5.4655

■ 131.8100, 38.5477,
2.7976

■ 45.3580, 81.1685,
5.8250

■ 149.2200, 29.9645,
2.4381

■ 37.0960, 85.2417,
6.0548

■ 166.3310, 21.5288,
1.4637

■ 183.7410, 12.9457,
1.1041

■ 200.8520, 4.5100,
0.1298

■ 218.2620, -4.0732,
-0.2298

■ 235.3730,
-12.5089, -1.2041

■ 248.6740,
-19.0663, 2.0399

Harmonies

Analogous

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



88.3110, 71.8247, -77.4487



97.2890, 55.5665, 4.1315



72.5010, 41.1650, 96.9076

Triad

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



97.2890, 55.5665, 4.1315



90.7130, -44.7215, 64.2727



85.1000, 11.2897, -74.6327

Complementary

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



97.2890, 55.5665, 4.1315



185.7110, -55.5665, -4.1315

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.



75.0170, -19.7284, -65.7899



97.2890, 55.5665, 4.1315



91.8890, -45.3013, 16.7603

Square

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



97.2890, 55.5665, 4.1315



62.8240, -19.1402, 119.4264



75.5890, -37.2654, -40.8586



92.6240, 40.1184, -81.2312

Rectangle

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



97.2890, 55.5665, 4.1315



74.1770, 19.1397, 114.7318



75.5890, -37.2654, -40.8586



81.7770, 1.0959, -71.7184

Sweetspot

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



97.2890, 55.5665, 4.1315



213.1030, 20.6552, 1.6637



153.1880, 28.0083, -70.3249



102.3280, 12.6563, 0.5893



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



97.2890, 55.5665, 4.1315



91.2440, 80.7317, 5.9250



117.3220, 45.6903, 45.3216



95.8520, 4.5100, 0.1298



29.9160, 68.0754, 5.3357



7.3650, 16.5821, 1.4339

Inverse Universe

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



126.2750, 26.9794, 73.4268



133.3990, 39.2433, 106.6441



165.6780, -45.6903, -45.3216



98.2010, 1.8729, 5.9627



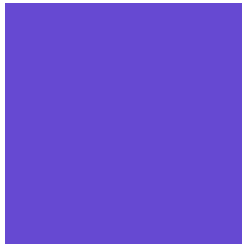
65.3940, 33.3298, 89.9855



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 97.2890, 55.5665, 4.1315 looks on a white background.

Color Contrast Check

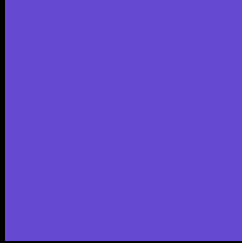
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.2890, 55.5665, 4.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

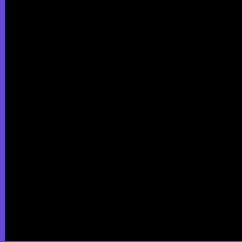
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2890, 55.5665, 4.1315

Background



This preview shows how black text looks on a background with the YUV color 97.2890, 55.5665, 4.1315.



This preview shows how white text looks on a background with the YUV color 97.2890, 55.5665,

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

97.2890, 55.5665, 4.1315

Protanopia

77.9780, 60.1568, -68.3867

Deuteranopia

78.4220, 46.6270, -68.7761



Tritanopia

94.3440, 8.2114, -20.4727

Trichromacy



Original Color

97.2890, 55.5665, 4.1315

Protanomaly

84.8010, 58.7651, -41.9215

Deuteranomaly

85.0970, 49.7452, -42.1811

Tritanomaly

95.2800, 25.4980, -11.6466

Monochromacy



Original Color

97.2890, 55.5665, 4.1315

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9890, 20.2184, 1.7636

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2890, 55.5665, 4.1315 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(102, 73, 210)` looks like.

```
.text, #text, p{  
    color:rgb(102, 73, 210)  
}
```

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(102, 73, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 73, 210) }
```

Border

The CSS property to change the border of an element to YUV 97.2890, 55.5665, 4.1315 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(102, 73, 210) }
```


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

```
.border{ border-color:rgb(102, 73, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 73, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 73, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 73, 210);  
box-shadow:4px 4px 4px 4px rgb(102, 73,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 97.2890, 55.5665, 4.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 73, 210) }
```

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

```
.background{ background-color: rgb(102, 73,  
210) }
```

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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