

Converting Colors

YUV(78.2890, 5.2805, 33.0725)

Have a look what the booklet for
YUV(78.2890, 5.2805, 33.0725)
contains.

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Color

**YUV(78.2890, 5.2805,
33.0725)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 743959 |
| RGB | 116, 57, 89 |
| RGB Percent | 45%, 22%, 35% |
| CMY | 0.5451, 0.7765, 0.6510 |
| CMYK | 0.00, 0.51, 0.23, 0.55 |
| HSL | 327°, 34%, 34% |
| HSV | 327°, 51%, 45% |
| XYZ | 10.4688, 7.3605, 10.3202 |
| YIQ | 78.2890, 24.8920, 22.4600 |

Conversions

Conversions Part 2

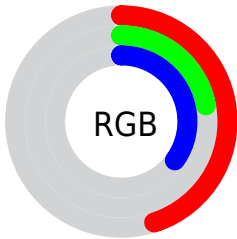
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 116, 57, 89 |
| Decimal | 7616857 |
| CIE _{Lab} | 32.61, 30.13, -7.37 |
| CIE _{LCh} | 33, 31.020, 346.254 |
| Yxy | 7.3605, 0.3719, 0.2615 |
| Android (android.graphics.Color) | 4285806937 (0xFF743959) |
| YUV | 78.2890, 5.2805, 33.0725 |
| Hunter-Lab | 27.1303, 21.3997, -3.5623 |

Details

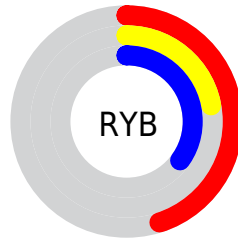
The YUV color **78.2890, 5.2805, 33.0725** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.7110, -5.2805, -33.0725**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8980, 4.9803, 36.0465**, and **29.1470, 7.3225, 31.4431** is the 20% darker color. If you saturate the color by 10%, you get **70.6750, 6.5692, 39.7500**, and if you desaturate by 10%, it is **85.9030, 3.9918, 26.3951**.

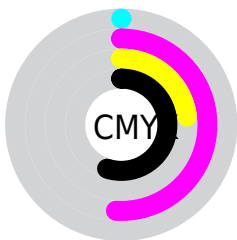
Distribution



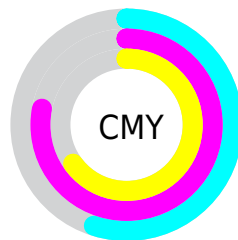
- Red (45%)
- Green (22%)
- Blue (35%)



- Red (45%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2890, 5.2805, 33.0725 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 78.2890, 5.2805, 33.0725 by changing the saturation by 10% instead.

■ 78.2890, 5.2805,
33.0725

■ 78.2890, 5.2805,
33.0725

■ 255.0000, 0.0000,
0.0000

■ 53.8050, 6.0121,
31.7430

■ 128.8980, 4.9803,
36.0465

■ 29.1470, 7.3225,
31.4431

■ 155.1970, 4.8329,
36.6612

■ 15.4790, 3.7079,
24.1359

■ 182.2080, 4.8275,
38.4056

■ 0.0000, 0.0000,
0.0000

■ 210.5070, 4.6800,
39.0204

■ 230.2490, 9.2442,
21.7066

■ 247.3690, 3.7621,

6.6924

■ 78.2890, 5.2805,
33.0725

■ 78.2890, 5.2805,
33.0725

■ 70.6750, 6.5692,
39.7500

■ 85.9030, 3.9918,
26.3951

■ 63.5340, 7.1317,
46.0127

■ 93.0440, 3.4293,
20.1324

■ 55.9200, 8.4204,
52.6902

■ 100.6580, 2.1406,
13.4549

■ 48.8930, 9.4198,
58.8528

■ 107.6850, 1.1413,
7.2923

■ 41.8660, 10.4191,
65.0155

■ 115.4130, 0.2894,
0.5148

■ 123.0270, -0.9993,
-6.1627

■ 130.0540, -1.9986,
-12.3254

■ 137.6680, -3.2873,
-19.0028

■ 144.8090, -3.8498,
-25.2655

Harmonies

Analogous

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



79.2140, 15.6705, 13.8443



78.2890, 5.2805, 33.0725



76.6460, -6.2345, 39.7755

Triad

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



78.2890, 5.2805, 33.0725



73.3600, -22.8555, 4.0693



63.7230, 23.3076, -55.8851

Complementary

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



78.2890, 5.2805, 33.0725



94.7110, -5.2805, -33.0725

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.



62.5030, 13.5560, -54.8151



78.2890, 5.2805, 33.0725



69.5190, -14.0599, -17.1182

Square

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



78.2890, 5.2805, 33.0725



74.7690, -23.0571, 22.1276



58.9520, 2.4887, -51.7009



62.8570, 30.1435, -55.1256

Rectangle

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



78.2890, 5.2805, 33.0725



76.3870, -13.5018, 37.3716



58.9520, 2.4887, -51.7009



63.6260, 20.3974, -55.8000

Sweetspot

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



78.2890, 5.2805, 33.0725



135.9460, 1.9986, 12.3254



71.7990, 21.7911, 10.7003



67.9840, 0.9939, 7.9070



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



78.2890, 5.2805, 33.0725



91.7950, 7.9891, 51.0458



74.9830, -7.3866, 35.9719



55.1360, 0.4260, 3.3887



44.0020, 10.8450, 68.4042



90.2540, 22.5528, 140.0972

Inverse Universe

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



78.2890, 5.2805, 33.0725



91.7950, 7.9891, 51.0458



98.0170, 7.3866, -35.9719



55.1360, 0.4260, 3.3887



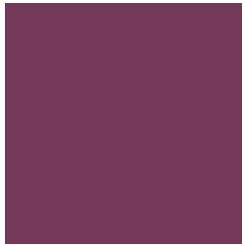
44.0020, 10.8450, 68.4042



90.2540, 22.5528, 140.0972

Previews

White Background



This preview shows how the YUV color 78.2890, 5.2805, 33.0725 looks on a white background.

Color Contrast Check

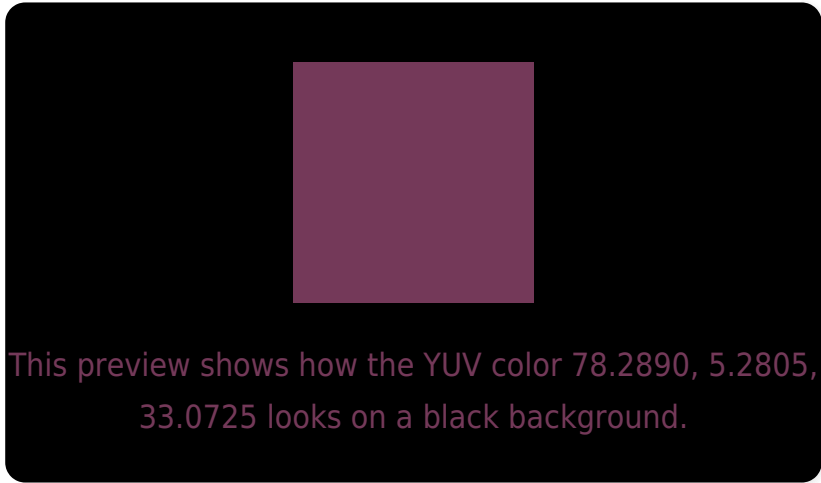
Large Text (above 18pt) WCAG AA ✓ Pass

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

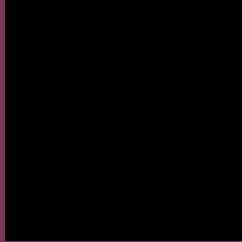
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2890, 5.2805, 33.0725

Background



This preview shows how black text looks on a background with the YUV color 78.2890, 5.2805, 33.0725.



This preview shows how white text looks on a background with the YUV color 78.2890, 5.2805,

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

78.2890, 5.2805, 33.0725

Protanopia

77.1700, 12.2412, -6.2881

Deuteranopia

78.0480, 3.9203, 2.5889



Tritanopia

78.0040, -5.9180, 31.5685

Trichromacy



Original Color

78.2890, 5.2805, 33.0725

Protanomaly

77.5740, 9.5770, 8.2666

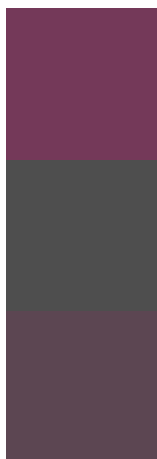
Deuteranomaly

77.9400, 4.4666, 14.0846

Tritanomaly

78.0410, -1.9922, 32.4130

Monochromacy



Original Color

78.2890, 5.2805, 33.0725

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9460, 1.9986, 12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2890, 5.2805, 33.0725 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(116, 57, 89)` looks like.

```
.text, #text, p{  
    color:rgb(116, 57, 89)  
}
```

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(116, 57, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 57, 89) }
```

Border

The CSS property to change the border of an element to YUV 78.2890, 5.2805, 33.0725 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(116, 57, 89) }
```


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

```
.border{ border-color:rgb(116, 57, 89) }
```

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

Here you see how a box with a 4 pixel rgb(116, 57, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 57, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 57, 89);  
box-shadow:4px 4px 4px 4px rgb(116, 57,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 78.2890, 5.2805, 33.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 57, 89) }
```

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

```
.background{ background-color: rgb(116, 57,  
89) }
```

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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