

Converting Colors

YUV(78.6310, 6.5909, 32.7726)

Have a look what the booklet for
YUV(78.6310, 6.5909, 32.7726)
contains.

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Color

**YUV(78.6310, 6.5909,
32.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	74395C
RGB	116, 57, 92
RGB Percent	45%, 22%, 36%
CMY	0.5451, 0.7765, 0.6392
CMYK	0.00, 0.51, 0.21, 0.55
HSL	324°, 34%, 34%
HSV	324°, 51%, 45%
XYZ	10.5974, 7.4120, 10.9973
YIQ	78.6310, 23.9290, 23.3930

Conversions

Conversions Part 2

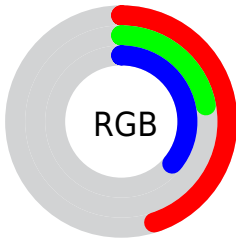
Format	Color
R_{YB}	116, 57, 92
Decimal	7616860
CIE _{Lab}	32.73, 30.62, -9.13
CIE _{LCh}	33, 31.954, 343.400
Yxy	7.4120, 0.3653, 0.2555
Android (android.graphics.Color)	4285806940 (0xFF74395C)
YUV	78.6310, 6.5909, 32.7726
Hunter-Lab	27.2249, 21.8378, -4.8923

Details

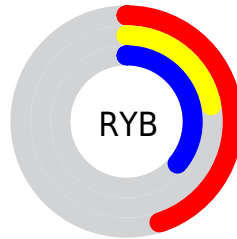
The YUV color **78.6310, 6.5909, 32.7726** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.3690, -6.5909, -32.7726**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2400, 6.2907, 35.7465**, and **29.6740, 8.0487, 31.8579** is the 20% darker color. If you saturate the color by 10%, you get **71.0170, 7.8796, 39.4501**, and if you desaturate by 10%, it is **86.2450, 5.3022, 26.0951**.

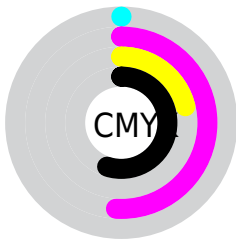
Distribution



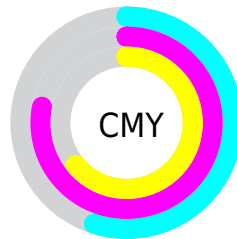
- Red (45%)
- Green (22%)
- Blue (36%)



- Red (45%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (21%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.6310, 6.5909, 32.7726 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 78.6310, 6.5909, 32.7726 by changing the saturation by 10% instead.

■ 78.6310, 6.5909,
32.7726

■ 78.6310, 6.5909,
32.7726

■ 255.0000, 0.0000,
0.0000

■ 54.0330, 6.8857,
31.5431

■ 129.2400, 6.2907,
35.7465

■ 29.6740, 8.0487,
31.8579

■ 155.6530, 6.5801,
36.2613

■ 15.8210, 5.0182,
23.8360

■ 182.6640, 6.5746,
38.0057

■ 0.0000, 0.0000,
0.0000

■ 210.9630, 6.4272,
38.6204

■ 230.5910, 10.5546,
21.4067

■ 247.3690, 3.7621,

6.6924

■ 78.6310, 6.5909,
32.7726

■ 78.6310, 6.5909,
32.7726

■ 71.0170, 7.8796,
39.4501

■ 86.2450, 5.3022,
26.0951

■ 64.1040, 9.3157,
45.5128

■ 93.1580, 3.8661,
20.0324

■ 56.4900, 10.6044,
52.1903

■ 100.7720, 2.5774,
13.3550

■ 49.4630, 11.6037,
58.3529

■ 107.7990, 1.5781,
7.1923

■ 42.5500, 13.0399,
64.4156

■ 115.4130, 0.2894,
0.5148

■ 122.9130, -1.4361,
-6.0627

■ 129.9400, -2.4354,
-12.2254

■ 137.5540, -3.7241,
-18.9029

■ 144.4670, -5.1602,
-24.9656

Harmonies

Analogous

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



79.5450, 16.9863, 11.8000



78.6310, 6.5909, 32.7726



76.9990, -4.9295, 41.2199

Triad

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



78.6310, 6.5909, 32.7726



73.1430, -23.7345, 6.0136



64.3100, 23.0182, -56.3999

Complementary

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



78.6310, 6.5909, 32.7726



94.3690, -6.5909, -32.7726

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.



62.8620, 12.3930, -55.1300



78.6310, 6.5909, 32.7726



69.8890, -15.2283, -15.6887

Square

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



78.6310, 6.5909, 32.7726



75.5520, -23.9361, 24.0719



59.3110, 1.3257, -52.0157



63.5580, 30.2909, -55.7404

Rectangle

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



78.6310, 6.5909, 32.7726



76.3380, -12.4916, 40.0456



59.3110, 1.3257, -52.0157



64.0990, 19.6712, -56.2148

Sweetspot

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



78.6310, 6.5909, 32.7726



136.0600, 2.4354, 12.2254



70.9020, 22.2333, 8.8559



68.0980, 1.4307, 7.8071



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.



78.6310, 6.5909, 32.7726



92.3650, 10.1731, 50.5459



75.3250, -6.0762, 35.6720



55.1360, 0.4260, 3.3887



44.8000, 13.9026, 67.7044



91.6220, 27.7944, 138.8975

Inverse Universe

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



78.6310, 6.5909, 32.7726



92.3650, 10.1731, 50.5459



97.6750, 6.0762, -35.6720



55.1360, 0.4260, 3.3887



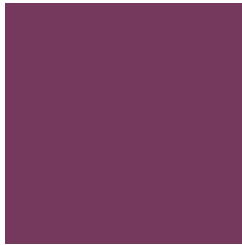
44.8000, 13.9026, 67.7044



91.6220, 27.7944, 138.8975

Previews

White Background



This preview shows how the YUV color 78.6310, 6.5909, 32.7726 looks on a white background.

Color Contrast Check

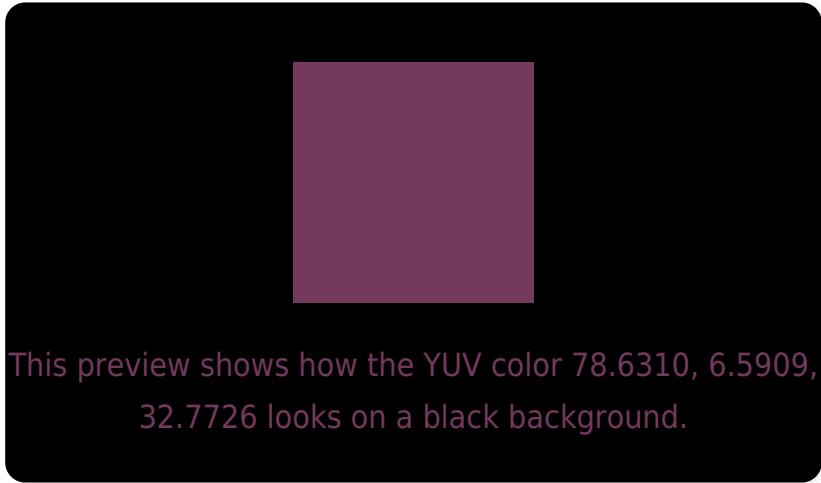
Large Text (above 18pt) WCAG AA ✓ Pass

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

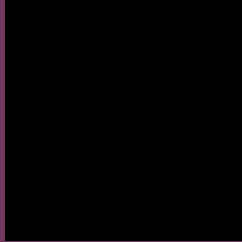
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6310, 6.5909, 32.7726

Background



This preview shows how black text looks on a background with the YUV color 78.6310, 6.5909, 32.7726.



This preview shows how white text looks on a background with the YUV color 78.6310, 6.5909,

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

78.6310, 6.5909, 32.7726

Protanopia

77.9140, 13.8464, -7.8176

Deuteranopia

78.6780, 5.0887, 1.1594



Tritanopia

78.1180, -5.4812, 31.4685

Trichromacy



Original Color

78.6310, 6.5909, 32.7726

Protanomaly

78.3180, 11.1822, 6.7371

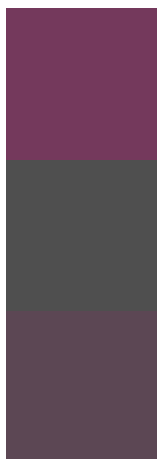
Deuteranomaly

78.5700, 5.6350, 12.6551

Tritanomaly

78.2690, -1.1186, 32.2131

Monochromacy



Original Color

78.6310, 6.5909, 32.7726

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7610, 2.5828, 11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6310, 6.5909, 32.7726 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(116, 57, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 57, 92) }
```

Border

The CSS property to change the border of an element to YUV 78.6310, 6.5909, 32.7726 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, 92) }
```


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

```
.border{ border-color:rgb(116, 57, 92) }
```

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, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 57, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 57, 92);  
box-shadow:4px 4px 4px 4px rgb(116, 57,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 78.6310, 6.5909, 32.7726 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, 92) }
```

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

```
.background{ background-color: rgb(116, 57,  
92) }
```

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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