

Converting Colors

YUV(89.7810, 45.9570, 6.3311)

Have a look what the booklet for
YUV(89.7810, 45.9570, 6.3311)
contains.

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Color

**YUV(89.7810, 45.9570,
6.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	6144B7
RGB	97, 68, 183
RGB Percent	38%, 27%, 72%
CMY	0.6196, 0.7333, 0.2824
CMYK	0.47, 0.63, 0.00, 0.28
HSL	255°, 46%, 49%
HSV	255°, 63%, 72%
XYZ	15.5441, 10.0945, 45.9289
YIQ	89.7810, -19.6310, 41.9130

Conversions

Conversions Part 2

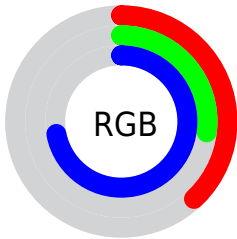
Format	Color
R_{YB}	97, 68, 183
Decimal	6374583
CIE _{Lab}	38.01, 40.62, -56.87
CIE _{LCh}	38, 69.888, 305.538
Yxy	10.0945, 0.2172, 0.1410
Android (android.graphics.Color)	4284564663 (0xFF6144B7)
YUV	89.7810, 45.9570, 6.3311
Hunter-Lab	31.7719, 31.7288, -63.4683

Details

The YUV color **89.7810, 45.9570, 6.3311** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **161.2190, -45.9570, -6.3311**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6720, 47.9827, 9.9347**, and **38.0960, 44.8157, -0.9612** is the 20% darker color. If you saturate the color by 10%, you get **75.0290, 53.2297, 6.9906**, and if you desaturate by 10%, it is **104.5330, 38.6842, 5.6716**.

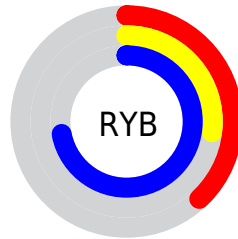
Distribution



Red (38%)

Green (27%)

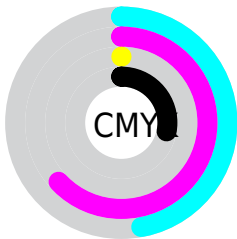
Blue (72%)



Red (38%)

Yellow (27%)

Blue (72%)

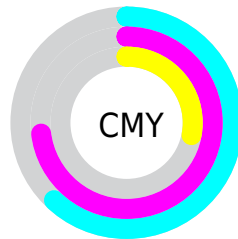


Cyan (47%)

Magenta (63%)

Yellow (0%)

Black (28%)



Cyan (62%)

Magenta (73%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7810, 45.9570, 6.3311 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 89.7810, 45.9570, 6.3311 by changing the saturation by 10% instead.

■ 89.7810, 45.9570,
6.3311

■ 89.7810, 45.9570,
6.3311

■ 255.0000, 0.0000,
0.0000

■ 63.9440, 45.3836,
3.5571

■ 142.6720, 47.9827,
9.9347

■ 38.0960, 44.8157,
-0.9612

■ 168.0160, 42.8831,
12.2640

■ 11.7420, 44.9902,
-10.2977

■ 192.5360, 30.7948,
16.1929

■ 8.8920, 34.0702,
-7.7983

■ 217.3550, 18.5590,
20.7367

■ 9.0910, 22.1401,
-7.9728

■ 237.9770, 8.3923,
14.9292

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 89.7810, 45.9570,
6.3311

■ 89.7810, 45.9570,
6.3311

■ 75.0290, 53.2297,
6.9906

■ 104.5330, 38.6842,
5.6716

■ 59.9890, 60.6444,
8.7796

■ 119.5730, 31.2695,
3.8825

■ 45.2370, 67.9172,
9.4392

■ 134.3250, 23.9968,
3.2230

■ 34.6160, 73.1533,
9.9838

■ 149.0770, 16.7240,
2.5635

■ 164.1170, 9.3093,
0.7744

■ 178.8690, 2.0366,
0.1149

■ 193.6210, -5.2362,
-0.5446

■ 208.0740,
-12.3615, -1.8189

■ 223.4130,
-19.9236, -2.9932

Harmonies

Analogous

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



78.4340, 61.9040, -68.7866



89.7810, 45.9570, 6.3311



76.3830, 29.8842, 75.0861

Triad

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



89.7810, 45.9570, 6.3311



83.5700, -41.2000, 54.7511



77.0300, 10.8312, -67.5553

Complementary

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



89.7810, 45.9570, 6.3311



161.2190, -45.9570, -6.3311

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.



68.9020, -15.2347, -60.4271



89.7810, 45.9570, 6.3311



83.6160, -41.2227, 15.2458

Square

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



89.7810, 45.9570, 6.3311



71.4370, -22.4004, 91.7018



71.5130, -35.2559, -32.0219



83.4140, 35.2919, -73.1541

Rectangle

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



89.7810, 45.9570, 6.3311



65.6330, 17.4359, 101.1769



71.5130, -35.2559, -32.0219



74.7500, 2.0953, -65.5558

Sweetspot

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



89.7810, 45.9570, 6.3311



200.4190, 18.0344, 2.2635



131.5920, 25.3441, -55.7702



97.2850, 11.1985, 1.5041



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.



89.7810, 45.9570, 6.3311



92.7470, 71.1167, 9.8689



106.8240, 37.5548, 41.3734



84.6240, 3.6364, 0.3298



29.4450, 62.3916, 8.3797



5.2850, 11.1985, 1.5041

Inverse Universe

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



112.1890, 20.6128, 62.1012



127.3840, 31.8557, 96.1332



144.1760, -37.5548, -41.3734



86.3750, 1.2941, 4.9331



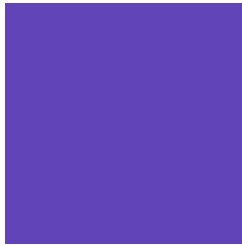
59.8680, 27.6731, 84.3078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 89.7810, 45.9570, 6.3311 looks on a white background.

Color Contrast Check

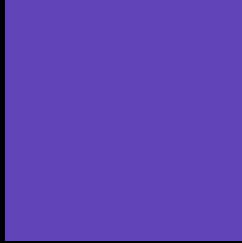
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.7810, 45.9570, 6.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

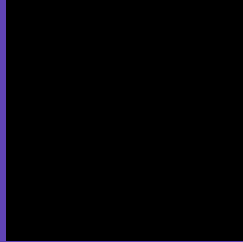
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7810, 45.9570, 6.3311

Background



This preview shows how black text looks on a background with the YUV color 89.7810, 45.9570, 6.3311.



This preview shows how white text looks on a background with the YUV color 89.7810, 45.9570,

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

89.7810, 45.9570, 6.3311

Protanopia

71.3440, 55.0464, -62.5687

Deuteranopia

72.1300, 42.8269, -63.2580



Tritanopia

87.5300, 6.1477, -11.8658

Trichromacy



Original Color

89.7810, 45.9570, 6.3311

Protanomaly

77.7000, 51.9129, -37.4479

Deuteranomaly

78.3380, 44.2034, -38.0074

Tritanomaly

88.0590, 20.6769, -5.3137

Monochromacy



Original Color

89.7810, 45.9570, 6.3311

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0770, 16.7240, 2.5635

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7810, 45.9570, 6.3311 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(97, 68, 183)` looks like.

```
.text, #text, p{  
    color:rgb(97, 68, 183)  
}
```

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(97, 68, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 68, 183) }
```

Border

The CSS property to change the border of an element to YUV 89.7810, 45.9570, 6.3311 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(97, 68, 183) }
```


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

```
.border{ border-color:rgb(97, 68, 183) }
```

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

Here you see how a box with a 4 pixel rgb(97, 68, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 68, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 68, 183);  
box-shadow:4px 4px 4px 4px rgb(97, 68,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 89.7810, 45.9570, 6.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 68, 183) }
```

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

```
.background{ background-color: rgb(97, 68,  
183) }
```

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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