

Converting Colors

YUV(157.5810, 2.6716, 76.6665)

Have a look what the booklet for
YUV(157.5810, 2.6716, 76.6665)
contains.

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Color

**YUV(157.5810, 2.6716,
76.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	F570A3
RGB	245, 112, 163
RGB Percent	96%, 44%, 64%
CMY	0.0392, 0.5608, 0.3608
CMYK	0.00, 0.54, 0.33, 0.04
HSL	337°, 87%, 70%
HSV	337°, 54%, 96%
XYZ	50.0612, 33.6452, 38.5060
YIQ	157.5810, 62.8970, 44.0570

Conversions

Conversions Part 2

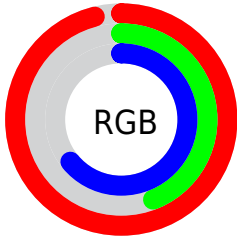
Format	Color
R_{YB}	245, 112, 163
Decimal	16085155
CIE _{Lab}	64.68, 56.03, -2.33
CIE _{LCh}	65, 56.082, 357.619
Yxy	33.6452, 0.4096, 0.2753
Android (android.graphics.Color)	4294275235 (0xFFFF570A3)
YUV	157.5810, 2.6716, 76.6665
Hunter-Lab	58.0044, 52.5481, 1.2437

Details

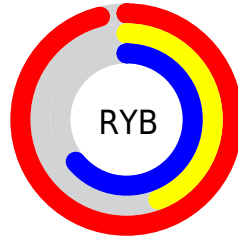
The YUV color **157.5810, 2.6716, 76.6665** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **199.4190, -2.6716, -76.6665**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7130, 9.0155, 48.4867**, and **100.8410, 5.0084, 73.8074** is the 20% darker color. If you saturate the color by 10%, you get **141.1960, 3.3544, 91.0361**, and if you desaturate by 10%, it is **173.9660, 1.9888, 62.2968**.

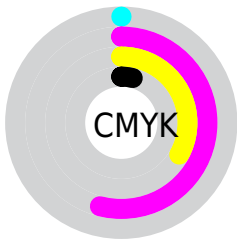
Distribution



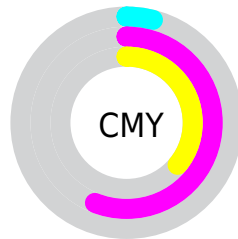
- Red (96%)
- Green (44%)
- Blue (64%)



- Red (96%)
- Yellow (44%)
- Blue (64%)



- Cyan (0%)
- Magenta (54%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5810, 2.6716, 76.6665 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 157.5810, 2.6716, 76.6665 by changing the saturation by 10% instead.

157.5810, 2.6716,
76.6665

157.5810, 2.6716,
76.6665

255.0000, 0.0000,
0.0000

129.2110, 3.8400,
75.2370

199.7130, 9.0155,
48.4867

100.8410, 5.0084,
73.8074

219.3410, 13.1429,
31.2729

69.4760, 8.6393,
75.8815

237.3900, 8.6817,
15.4440

45.2690, 9.2344,
71.6781

34.3890, 3.7522,
56.6638

23.7370, -0.8563,
41.4497

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 157.5810, 2.6716,
76.6665

■ 157.5810, 2.6716,
76.6665

■ 141.1960, 3.3544,
91.0361

■ 173.9660, 1.9888,
62.2968

■ 125.3980, 3.7478,
104.8910

■ 189.7640, 1.5953,
48.4420

■ 109.0130, 4.4306,
119.2606

■ 206.1490, 0.9125,
34.0723

■ 93.2150, 4.8240,
133.1154

■ 221.9470, 0.5191,
20.2175

■ 83.9710, 4.9443,
141.2224

■ 238.4460, 0.2731,
5.7479

251.8960, 1.0373,
-6.0478

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



161.4150, 24.4454, 46.1170



157.5810, 2.6716, 76.6665



155.4140, -20.9101, 80.3209

Triad

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



157.5810, 2.6716, 76.6665



146.9460, -41.8784, -7.8456



130.7860, 54.3355, -114.6993

Complementary

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



157.5810, 2.6716, 76.6665



199.4190, -2.6716, -76.6665

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.



129.2750, 35.8534, -113.3742



157.5810, 2.6716, 76.6665



136.6420, -17.5715, -57.5680

Square

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



157.5810, 2.6716, 76.6665



151.7230, -50.1494, 31.8149



123.4610, 13.5767, -108.2753



125.3380, 63.9234, -109.9214

Rectangle

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



157.5810, 2.6716, 76.6665



154.9770, -34.9917, 70.1802



123.4610, 13.5767, -108.2753



130.7060, 48.9519, -114.6292

Sweetspot

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



157.5810, 2.6716, 76.6665



228.0830, 0.9451, 23.6062



151.0820, 46.3016, 35.8851



111.6150, 0.6828, 14.3696



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.



157.5810, 2.6716, 76.6665



145.9300, 3.4855, 95.6544



159.3980, -23.3672, 75.0730



114.1580, 0.4151, 6.8774



63.7080, 3.5950, 107.2501



20.1490, 0.9125, 34.0723

Inverse Universe

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



157.5810, 2.6716, 76.6665



145.9300, 3.4855, 95.6544



197.6020, 23.3672, -75.0730



114.1580, 0.4151, 6.8774



63.7080, 3.5950, 107.2501



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 157.5810, 2.6716, 76.6665 looks on a white background.

Color Contrast Check

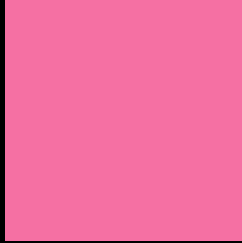
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 157.5810, 2.6716, 76.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

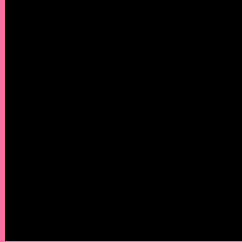
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.5810, 2.6716, 76.6665

Background



This preview shows how black text looks on a background with the YUV color 157.5810, 2.6716, 76.6665.



This preview shows how white text looks on a background with the YUV color 157.5810, 2.6716,

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

157.5810, 2.6716, 76.6665

Protanopia

158.0820, 15.7356, -7.0879

Deuteranopia

158.8490, -0.9116, 12.4104



Tritanopia

156.6890, -14.6367, 74.8177

Trichromacy



Original Color

157.5810, 2.6716, 76.6665



Protanomaly

158.0150, 10.8386, 23.6658



Deuteranomaly

158.0460, 0.4703, 35.9167



Tritanomaly

156.7090, -8.2375, 75.6772

Monochromacy



Original Color

157.5810, 2.6716, 76.6665



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8170, 1.0762, 28.2245

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5810, 2.6716, 76.6665 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(245, 112, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 112, 163)  
}
```

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(245, 112, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 112, 163) }
```

Border

The CSS property to change the border of an element to YUV 157.5810, 2.6716, 76.6665 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(245, 112, 163) }
```


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

```
.border{ border-color:rgb(245, 112, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 112, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 112, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 112, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 112,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 157.5810, 2.6716, 76.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 112, 163) }
```

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

```
.background{ background-color: rgb(245,  
112, 163) }
```

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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