

Converting Colors

YUV(76.6180, 9.5553, 15.2440)

Have a look what the booklet for
YUV(76.6180, 9.5553, 15.2440)
contains.

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Color

**YUV(76.6180, 9.5553,
15.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4060
RGB	94, 64, 96
RGB Percent	37%, 25%, 38%
CMY	0.6314, 0.7490, 0.6235
CMYK	0.02, 0.33, 0.00, 0.62
HSL	296°, 20%, 31%
HSV	296°, 33%, 38%
XYZ	8.5608, 6.8910, 11.9452
YIQ	76.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

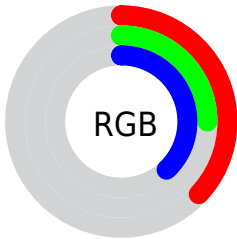
Format	Color
R_{YB}	94, 64, 96
Decimal	6176864
CIE _{Lab}	31.56, 19.14, -13.75
CIE _{LCh}	32, 23.564, 324.310
Yxy	6.8910, 0.3125, 0.2515
Android (android.graphics.Color)	4284366944 (0xFF5E4060)
YUV	76.6180, 9.5553, 15.2440
Hunter-Lab	26.2507, 12.2731, -8.6040

Details

The YUV color **76.6180, 9.5553, 15.2440** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **83.3820, -9.5553, -15.2440**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8570, 10.4235, 16.7884**, and **31.4930, 9.1240, 13.5996** is the 20% darker color. If you saturate the color by 10%, you get **70.4490, 12.5966, 19.7772**, and if you desaturate by 10%, it is **82.7870, 6.5140, 10.7108**.

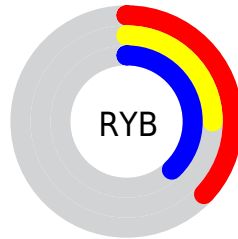
Distribution



 Red (37%)

 Green (25%)

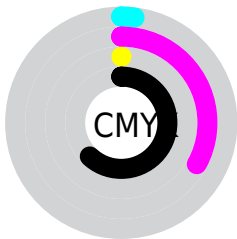
 Blue (38%)



 Red (37%)

 Yellow (25%)

 Blue (38%)

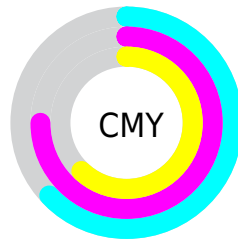


 Cyan (2%)

 Magenta (33%)

 Yellow (0%)

 Black (62%)



 Cyan (63%)

 Magenta (75%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6180, 9.5553, 15.2440 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 76.6180, 9.5553, 15.2440 by changing the saturation by 10% instead.

■ 76.6180, 9.5553,
15.2440

■ 76.6180, 9.5553,
15.2440

■ 255.0000, 0.0000,
0.0000

■ 53.7920, 8.9765,
14.2144

■ 125.8570, 10.4235,
16.7884

■ 31.4930, 9.1240,
13.5996

■ 152.1560, 10.2761,
17.4032

■ 11.9770, 8.3923,
14.9292

■ 178.6830, 11.0023,
17.8180

■ 0.0000, 0.0000,
0.0000

■ 206.0960, 11.2917,
18.3328

■ 233.8680, 10.4181,
18.5328

■ 250.8910, 2.0257,

■ 76.6180, 9.5553,
15.2440

■ 76.6180, 9.5553,
15.2440

■ 70.4490, 12.5966,
19.7772

■ 82.7870, 6.5140,
10.7108

■ 65.1660, 15.2012,
24.4104

■ 88.0700, 3.9095,
6.0776

■ 58.9970, 18.2425,
28.9436

■ 94.2390, 0.8682,
1.5444

■ 53.7140, 20.8470,
33.5768

■ 99.5220, -1.7363,
-3.0888

■ 47.5450, 23.8883,
38.1100

■ 105.6910, -4.7777,
-7.6220

■ 41.3760, 26.9296,
42.6432

■ 111.8600, -7.8190,
-12.1552

■ 37.8540, 28.6660,
45.7320

■ 117.1430,
-10.4235, -16.7884

■ 123.3120,
-13.4648, -21.3216

■ 128.5950,
-16.0693, -25.9548

Harmonies

Analogous

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



75.2180, 16.1615, -3.6992



76.6180, 9.5553, 15.2440



76.2190, 1.3710, 26.9949

Triad

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



76.6180, 9.5553, 15.2440



73.0930, -17.7938, 13.9504



59.4540, 14.5662, -52.1412

Complementary

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



76.6180, 9.5553, 15.2440



83.3820, -9.5553, -15.2440

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.



63.2680, 3.3189, -37.9460



76.6180, 9.5553, 15.2440



71.5750, -15.5665, -0.5043

Square

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



76.6180, 9.5553, 15.2440



74.0820, -14.3374, 25.3611



68.7130, -8.2395, -17.2883



59.9900, 21.6969, -52.6112

Rectangle

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



76.6180, 9.5553, 15.2440



75.6340, -4.7496, 30.1390



68.7130, -8.2395, -17.2883



58.7700, 11.9454, -51.5413

Sweetspot

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



76.6180, 9.5553, 15.2440



117.0700, 3.9095, 6.0776



68.8220, 13.3988, -4.2289



59.0050, 2.4625, 3.5036



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



76.6180, 9.5553, 15.2440



94.7530, 14.9118, 23.8956



75.6200, 3.1453, 17.8733



45.6520, 1.1576, 2.0592



44.1630, 33.4436, 53.3540



94.6350, 71.6649, 114.3301

Inverse Universe

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



73.7960, -3.8434, 19.4729



90.2920, -6.0600, 30.4389



84.3800, -3.1453, -17.8733



45.1960, -0.5896, 2.4591



34.2860, -13.4520, 68.1552



73.4700, -28.8257, 146.0468

Previews

White Background



This preview shows how the YUV color 76.6180, 9.5553, 15.2440 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



This preview shows how the YUV color 76.6180, 9.5553, 15.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

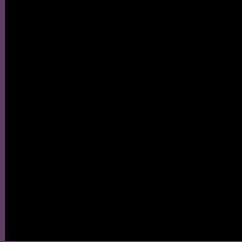
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6180, 9.5553, 15.2440

Background



This preview shows how black text looks on a background with the YUV color 76.6180, 9.5553, 15.2440.



This preview shows how white text looks on a background with the YUV color 76.6180, 9.5553,

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

76.6180, 9.5553, 15.2440

Protanopia

74.9140, 13.8464, -7.8176

Deuteranopia

75.0950, 9.3202, -2.7143



Tritanopia

75.5610, -0.7696, 13.5400

Trichromacy



Original Color

76.6180, 9.5553, 15.2440

Protanomaly

75.2140, 12.2195, 0.6893

Deuteranomaly

75.8400, 9.4459, 3.6483

Tritanomaly

76.1850, 2.8668, 13.8698

Monochromacy



Original Color

76.6180, 9.5553, 15.2440

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6570, 3.6201, 5.5628

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6180, 9.5553, 15.2440 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(94, 64, 96)` looks like.

```
.text, #text, p{  
    color:rgb(94, 64, 96)  
}
```

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(94, 64, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 64, 96) }
```

Border

The CSS property to change the border of an element to YUV 76.6180, 9.5553, 15.2440 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(94, 64, 96) }
```


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

```
.border{ border-color:rgb(94, 64, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 64, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 64, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 64, 96);  
box-shadow:4px 4px 4px 4px rgb(94, 64, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6180, 9.5553, 15.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 64, 96) }
```

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

```
.background{ background-color: rgb(94, 64,  
96) }
```

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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