

Converting Colors

YUV(76.1620, 7.8081, 15.6439)

Have a look what the booklet for
YUV(76.1620, 7.8081, 15.6439)
contains.

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Color

**YUV(76.1620, 7.8081,
15.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	5E405C
RGB	94, 64, 92
RGB Percent	37%, 25%, 36%
CMY	0.6314, 0.7490, 0.6392
CMYK	0.00, 0.32, 0.02, 0.63
HSL	304°, 19%, 31%
HSV	304°, 32%, 37%
XYZ	8.3813, 6.8192, 10.9997
YIQ	76.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

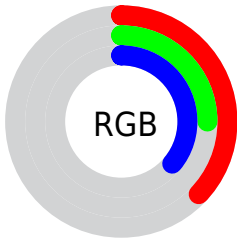
Format	Color
RYB	94, 64, 92
Decimal	6176860
CIELab	31.39, 18.28, -11.44
CIElCh	31, 21.559, 327.960
Yxy	6.8192, 0.3199, 0.2603
Android (android.graphics.Color)	4284366940 (0xFF5E405C)
YUV	76.1620, 7.8081, 15.6439
Hunter-Lab	26.1136, 11.5916, -6.6950

Details

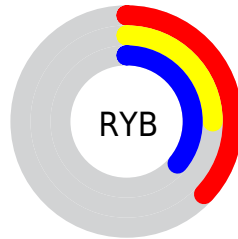
The YUV color **76.1620, 7.8081, 15.6439** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.8380, -7.8081, -15.6439**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2870, 8.2395, 17.2883**, and **31.0370, 7.3768, 13.9996** is the 20% darker color. If you saturate the color by 10%, you get **70.7650, 9.9759, 20.3771**, and if you desaturate by 10%, it is **81.5590, 5.6404, 10.9108**.

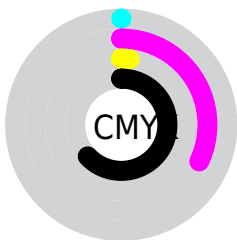
Distribution



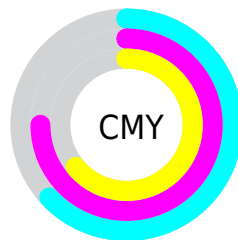
- Red (37%)
- Green (25%)
- Blue (36%)



- Red (37%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (2%)
- Black (63%)



- Cyan (63%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1620, 7.8081, 15.6439 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 76.1620, 7.8081, 15.6439 by changing the saturation by 10% instead.

■ 76.1620, 7.8081,
15.6439

■ 76.1620, 7.8081,
15.6439

■ 255.0000, 0.0000,
0.0000

■ 53.3360, 7.2294,
14.6143

■ 125.2870, 8.2395,
17.2883

■ 31.0370, 7.3768,
13.9996

■ 151.7000, 8.5289,
17.8031

■ 11.6350, 7.0819,
15.2291

■ 178.1130, 8.8183,
18.3179

■ 0.0000, 0.0000,
0.0000

■ 205.5260, 9.1077,
18.8327

■ 233.6400, 9.5445,
18.7327

■ 250.8910, 2.0257,

■ 76.1620, 7.8081,
15.6439

■ 76.1620, 7.8081,
15.6439

■ 70.7650, 9.9759,
20.3771

■ 81.5590, 5.6404,
10.9108

■ 64.8950, 12.8698,
25.5251

■ 87.4290, 2.7465,
5.7628

■ 59.4980, 15.0375,
30.2583

■ 92.8260, 0.5788,
1.0296

■ 53.5140, 17.4946,
35.5062

■ 98.8100, -1.8783,
-4.2184

■ 48.2310, 20.0991,
40.1394

■ 104.0930, -4.4828,
-8.8516

■ 42.8340, 22.2668,
44.8726

■ 109.4900, -6.6506,
-13.5847

■ 38.1380, 24.5820,
48.9910

■ 115.3600, -9.5445,
-18.7327

■ 120.7570,
-11.7122, -23.4659

■ 126.7410,
-14.1693, -28.7139

Harmonies

Analogous

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



75.0720, 14.2615, -0.9401



76.1620, 7.8081, 15.6439



75.8660, 0.0661, 25.5505

Triad

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



76.1620, 7.8081, 15.6439



72.5380, -16.0412, 11.8062



58.8670, 14.8556, -51.6264

Complementary

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



76.1620, 7.8081, 15.6439



81.8380, -7.8081, -15.6439

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.



64.4040, 3.7448, -34.5573



76.1620, 7.8081, 15.6439



71.3190, -13.9613, -2.0338

Square

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



76.1620, 7.8081, 15.6439



74.1740, -13.8898, 21.7724



68.4680, -6.6397, -17.0734



62.4750, 19.4858, -43.3896

Rectangle

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



76.1620, 7.8081, 15.6439



75.0960, -5.4703, 27.9798



68.4680, -6.6397, -17.0734



59.4930, 12.0820, -48.6674

Sweetspot

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



76.1620, 7.8081, 15.6439



114.9560, 3.4727, 6.1776



68.0180, 12.8091, -1.7698



56.8910, 2.0257, 3.6036



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



76.1620, 7.8081, 15.6439



94.6560, 12.0016, 23.9807



74.4520, 1.2562, 17.1436



43.0650, 1.4470, 2.5740



44.5180, 28.3386, 57.4277



96.0570, 61.5969, 123.6070

Inverse Universe

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



76.1620, 7.8081, 15.6439



94.6560, 12.0016, 23.9807



83.5480, -1.2562, -17.1436



43.0650, 1.4470, 2.5740



44.5180, 28.3386, 57.4277



96.0570, 61.5969, 123.6070

Previews

White Background



This preview shows how the YUV color 76.1620, 7.8081, 15.6439 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 76.1620, 7.8081, 15.6439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

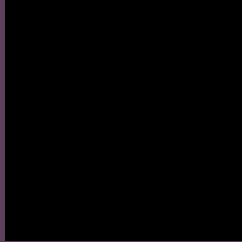
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1620, 7.8081, 15.6439

Background



This preview shows how black text looks on a background with the YUV color 76.1620, 7.8081, 15.6439.



This preview shows how white text looks on a background with the YUV color 76.1620, 7.8081,

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

76.1620, 7.8081, 15.6439

Protanopia

74.1700, 12.2412, -6.2881

Deuteranopia

74.9380, 7.4256, -1.6996



Tritanopia

75.4470, -1.2064, 13.6400

Trichromacy



Original Color

76.1620, 7.8081, 15.6439

Protanomaly

75.0570, 10.3249, 1.7040

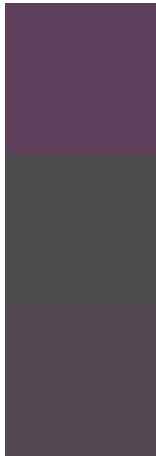
Deuteranomaly

75.6830, 7.5513, 4.6630

Tritanomaly

75.9570, 1.9932, 14.0697

Monochromacy



Original Color

76.1620, 7.8081, 15.6439

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.4290, 2.7465, 5.7628

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1620, 7.8081, 15.6439 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(94, 64, 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(94, 64, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 64, 92) }
```

Border

The CSS property to change the border of an element to YUV 76.1620, 7.8081, 15.6439 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, 92) }
```


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

```
.border{ border-color:rgb(94, 64, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 64, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 64, 92);  
box-shadow:4px 4px 4px 4px rgb(94, 64, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.1620, 7.8081, 15.6439 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, 92) }
```

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

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