

Converting Colors

YUV(96.0160, 5.9081, 18.4030)

Have a look what the booklet for
YUV(96.0160, 5.9081, 18.4030)
contains.

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Color

**YUV(96.0160, 5.9081,
18.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	75536C
RGB	117, 83, 108
RGB Percent	46%, 33%, 42%
CMY	0.5412, 0.6745, 0.5765
CMYK	0.00, 0.29, 0.08, 0.54
HSL	316°, 17%, 39%
HSV	316°, 29%, 46%
XYZ	13.1361, 11.0511, 15.6281
YIQ	96.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

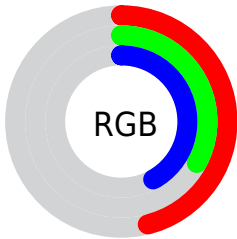
Format	Color
R_{YB}	117, 83, 108
Decimal	7689068
CIE _{Lab}	39.67, 18.57, -8.74
CIE _{LCh}	40, 20.523, 334.798
Yxy	11.0511, 0.3299, 0.2776
Android (android.graphics.Color)	4285879148 (0xFF75536C)
YUV	96.0160, 5.9081, 18.4030
Hunter-Lab	33.2432, 12.3590, -4.6027

Details

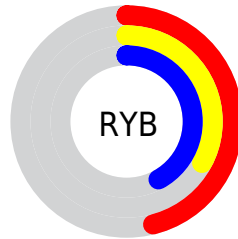
The YUV color **96.0160, 5.9081, 18.4030** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **103.9840, -5.9081, -18.4030**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0270, 5.9027, 20.1473**, and **49.0050, 5.9135, 16.6586** is the 20% darker color. If you saturate the color by 10%, you get **88.6300, 8.0704, 24.8805**, and if you desaturate by 10%, it is **103.4020, 3.7458, 11.9254**.

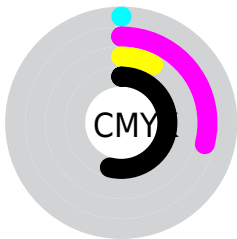
Distribution



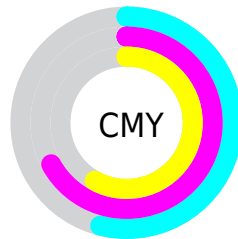
- Red (46%)
- Green (33%)
- Blue (42%)



- Red (46%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0160, 5.9081, 18.4030 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 96.0160, 5.9081, 18.4030 by changing the saturation by 10% instead.

■ 96.0160, 5.9081,
18.4030

■ 96.0160, 5.9081,
18.4030

■ 255.0000, 0.0000,
0.0000

■ 72.3040, 5.7661,
17.2734

■ 147.0270, 5.9027,
20.1473

■ 49.0050, 5.9135,
16.6586

■ 173.4400, 6.1921,
20.6621

■ 27.2930, 5.7716,
15.5290

■ 200.8530, 6.4815,
21.1769

■ 10.1250, 3.8824,
14.7994

■ 229.2660, 6.7709,
21.6917

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.7621,
6.6924

96.0160, 5.9081,
18.4030

96.0160, 5.9081,
18.4030

88.6300, 8.0704,
24.8805

103.4020, 3.7458,
11.9254

81.8310, 9.9433,
30.8432

110.2010, 1.8729,
5.9627

74.4450, 12.1056,
37.3207

117.5870, -0.2894,
-0.5148

67.0590, 14.2679,
43.7983

124.9730, -2.4517,
-6.9923

60.2600, 16.1408,
49.7610

132.3590, -4.6140,
-13.4698

52.7600, 17.8663,
56.3385

139.2720, -6.0501,
-19.5325

45.3740, 20.0286,
62.8160


146.6580, -8.2124,
-26.0101

44.7870, 20.3180,

154.0440,

63.3308

-10.3747, -32.4876

 160.8430,
-12.2476, -38.4503

Harmonies

Analogous

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



95.0510, 12.7929, 3.4633



96.0160, 5.9081, 18.4030



95.5950, -2.2653, 26.6652

Triad

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



96.0160, 5.9081, 18.4030



91.9290, -15.7410, 8.8323



84.0040, 13.8020, -40.3455

Complementary

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



96.0160, 5.9081, 18.4030



103.9840, -5.9081, -18.4030

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.



85.1590, 5.3446, -34.3424



96.0160, 5.9081, 18.4030



90.1660, -11.9138, -5.4076

Square

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



96.0160, 5.9081, 18.4030



93.9350, -14.7580, 20.2280



87.7280, -4.3029, -19.9325



87.3840, 17.5587, -31.9088

Rectangle

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



96.0160, 5.9081, 18.4030



95.2270, -7.5069, 27.8649



87.7280, -4.3029, -19.9325



83.4340, 11.6180, -39.8456

Sweetspot

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



96.0160, 5.9081, 18.4030



144.3260, 2.3043, 7.6071



89.5670, 13.5245, 2.1337



71.3750, 1.2941, 4.9331



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.



96.0160, 5.9081, 18.4030



119.7060, 9.5119, 29.1988



94.1920, -1.0807, 20.0026



55.2500, 0.8628, 3.2888



46.7380, 21.3282, 66.0048



95.7260, 43.5191, 135.2983

Inverse Universe

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



96.0160, 5.9081, 18.4030



119.7060, 9.5119, 29.1988



105.9220, 1.5175, -20.1026



55.2500, 0.8628, 3.2888



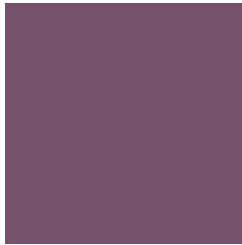
46.7380, 21.3282, 66.0048



95.7260, 43.5191, 135.2983

Previews

White Background



This preview shows how the YUV color 96.0160, 5.9081, 18.4030 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 96.0160, 5.9081, 18.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

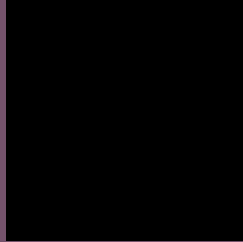
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0160, 5.9081, 18.4030

Background



This preview shows how black text looks on a background with the YUV color 96.0160, 5.9081, 18.4030.



This preview shows how white text looks on a background with the YUV color 96.0160, 5.9081,

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

96.0160, 5.9081, 18.4030

Protanopia

94.3120, 10.1992, -4.6586

Deuteranopia

94.5040, 5.6675, 2.1890



Tritanopia

95.3550, -1.6540, 17.2287

Trichromacy



Original Color

96.0160, 5.9081, 18.4030

Protanomaly

94.6120, 8.5723, 3.8483

Deuteranomaly

94.9500, 5.9407, 7.9369

Tritanomaly

95.7510, 1.1088, 17.7584

Monochromacy



Original Color

96.0160, 5.9081, 18.4030

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0160, 5.9081, 18.4030 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(117, 83, 108)` looks like.

```
.text, #text, p{  
    color:rgb(117, 83, 108)  
}
```

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(117, 83, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 83, 108) }
```

Border

The CSS property to change the border of an element to YUV 96.0160, 5.9081, 18.4030 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(117, 83, 108) }
```


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

```
.border{ border-color:rgb(117, 83, 108) }
```

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

Here you see how a box with a 4 pixel rgb(117, 83, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 83, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 83, 108);  
box-shadow:4px 4px 4px 4px rgb(117, 83,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 96.0160, 5.9081, 18.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 83, 108) }
```

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

```
.background{ background-color: rgb(117, 83,  
108) }
```

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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