

Converting Colors

YUV(111.9680, 18.7498, 6.1671)

Have a look what the booklet for
YUV(111.9680, 18.7498, 6.1671)
contains.

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Color

**YUV(111.9680, 18.7498,
6.1671)**

Conversions

Conversions Part 1

Format	Color
Hex	776596
RGB	119, 101, 150
RGB Percent	47%, 40%, 59%
CMY	0.5333, 0.6039, 0.4118
CMYK	0.21, 0.33, 0.00, 0.41
HSL	262°, 20%, 49%
HSV	262°, 33%, 59%
XYZ	17.7665, 15.4313, 30.8963
YIQ	111.9680, -5.0010, 19.0550

Conversions

Conversions Part 2

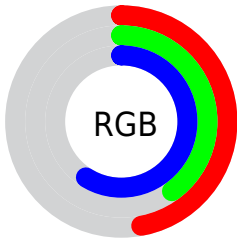
Format	Color
R_{YB}	119, 101, 150
Decimal	7824790
CIE _{Lab}	46.22, 17.70, -24.15
CIE _{LCh}	46, 29.941, 306.234
Yxy	15.4313, 0.2772, 0.2408
Android (android.graphics.Color)	4286014870 (0xFF776596)
YUV	111.9680, 18.7498, 6.1671
Hunter-Lab	39.2827, 11.9857, -19.1344

Details

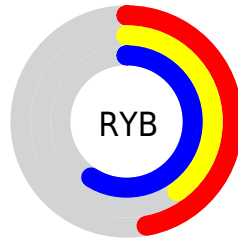
The YUV color **111.9680, 18.7498, 6.1671** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.0320, -18.7498, -6.1671**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.9080, 19.7654, 7.0967**, and **63.6150, 17.4448, 4.7226** is the 20% darker color. If you saturate the color by 10%, you get **100.4720, 24.4173, 8.3561**, and if you desaturate by 10%, it is **123.4640, 13.0822, 3.9781**.

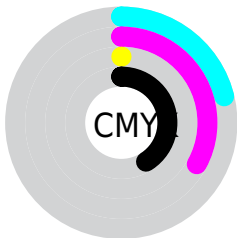
Distribution



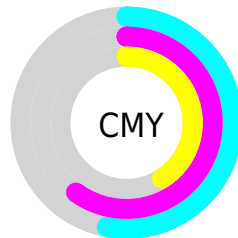
- Red (47%)
- Green (40%)
- Blue (59%)



- Red (47%)
- Yellow (40%)
- Blue (59%)



- Cyan (21%)
- Magenta (33%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9680, 18.7498, 6.1671 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 111.9680, 18.7498, 6.1671 by changing the saturation by 10% instead.

■ 111.9680, 18.7498,
6.1671

■ 111.9680, 18.7498,
6.1671

■ 255.0000, 0.0000,
0.0000

■ 87.4410, 18.0236,
5.7522

■ 163.9080, 19.7654,
7.0967

■ 63.6150, 17.4448,
4.7226

■ 191.4350, 20.4915,
7.5115

■ 41.0880, 16.7186,
4.3078

■ 218.1640, 18.1601,
8.6262

■ 20.1480, 15.7030,
3.3782

■ 243.2600, 5.7878,
10.2960

■ 4.0070, 12.8145,
-3.5141

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 111.9680, 18.7498,
6.1671

■ 111.9680, 18.7498,
6.1671

■ 100.4720, 24.4173,
8.3561

■ 123.4640, 13.0822,
3.9781

■ 88.6770, 30.2322,
9.9303

■ 135.2590, 7.2673,
2.4039

■ 77.1810, 35.8998,
12.1193

■ 146.7550, 1.5998,
0.2149

■ 65.3860, 41.7147,
13.6935

■ 158.5500, -4.2151,
-1.3593

■ 53.8900, 47.3822,
15.8825

■ 170.0460, -9.8827,
-3.5483

■ 42.0950, 53.1972,
17.4567

■ 181.8410,
-15.6976, -5.1226

■ 33.5450, 57.4123,
18.8160

■ 193.3370,
-21.3651, -7.3115

■ 205.1320,
-27.1801, -8.8858

■ 216.6280,
-32.8476, -11.0748

Harmonies

Analogous

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



106.6160, 25.8253, -23.3422



111.9680, 18.7498, 6.1671



112.7660, 8.4964, 28.2692

Triad

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



111.9680, 18.7498, 6.1671



109.0410, -22.2052, 28.9050



89.9810, 11.8414, -64.8813

Complementary

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



111.9680, 18.7498, 6.1671



139.0320, -18.7498, -6.1671

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.



99.5970, -5.7173, -32.9726



111.9680, 18.7498, 6.1671



107.1760, -23.7508, 11.2466

Square

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



111.9680, 18.7498, 6.1671



110.1700, -14.3808, 39.3159



104.5370, -18.0127, -9.2409



87.3460, 24.9724, -76.6024

Rectangle

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



111.9680, 18.7498, 6.1671



112.1710, 0.9017, 37.5610



104.5370, -18.0127, -9.2409



94.6360, 5.1095, -52.3008

Sweetspot

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



111.9680, 18.7498, 6.1671



178.6720, 7.5567, 2.9187



124.7830, 12.4320, -20.8577



87.8630, 4.5045, 1.8741



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



111.9680, 18.7498, 6.1671



135.0360, 29.0693, 9.6154



119.1440, 15.2120, 20.9217



68.3960, 2.7628, 0.5297



30.9810, 52.7604, 17.5567



2.3360, 3.7784, 1.4593

Inverse Universe

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



119.1850, 6.3178, 27.0248



146.1960, 9.7634, 41.9241



131.8560, -15.2120, -20.9217



69.5490, 0.7153, 3.9035



51.1800, 17.6593, 76.1411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 111.9680, 18.7498, 6.1671 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 111.9680, 18.7498, 6.1671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

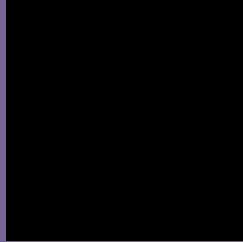
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.9680, 18.7498, 6.1671

Background



This preview shows how black text looks on a background with the YUV color 111.9680, 18.7498, 6.1671.



This preview shows how white text looks on a background with the YUV color 111.9680, 18.7498,

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

111.9680, 18.7498, 6.1671

Protanopia

109.4710, 22.4458, -12.6911

Deuteranopia

109.6840, 19.3828, -10.2469



Tritanopia

110.4070, 2.7573, 2.2741

Trichromacy



Original Color

111.9680, 18.7498, 6.1671

Protanomaly

110.1730, 21.1137, -5.4137

Deuteranomaly

110.3150, 19.0717, -3.7843

Tritanomaly

110.6120, 8.5723, 3.8483

Monochromacy



Original Color

111.9680, 18.7498, 6.1671

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1450, 6.8305, 2.5038

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9680, 18.7498, 6.1671 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(119, 101, 150)` looks like.

```
.text, #text, p{  
    color:rgb(119, 101, 150)  
}
```

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(119, 101, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 101, 150) }
```

Border

The CSS property to change the border of an element to YUV 111.9680, 18.7498, 6.1671 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(119, 101, 150) }
```


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

```
.border{ border-color:rgb(119, 101, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 101, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 101, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 101, 150);  
box-shadow:4px 4px 4px 4px rgb(119, 101,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 111.9680, 18.7498, 6.1671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 101, 150) }
```

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

```
.background{ background-color: rgb(119,  
101, 150) }
```

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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