

Converting Colors

YUV(115.2980, 18.0941,
-16.9243)

Have a look what the booklet for
YUV(115.2980, 18.0941, -16.9243)
contains.

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Color

**YUV(115.2980, 18.0941,
-16.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	607698
RGB	96, 118, 152
RGB Percent	38%, 46%, 60%
CMY	0.6235, 0.5373, 0.4039
CMYK	0.37, 0.22, 0.00, 0.40
HSL	216°, 23%, 49%
HSV	216°, 37%, 60%
XYZ	16.9698, 17.7107, 32.2299
YIQ	115.2980, -24.0260, 5.9100

Conversions

Conversions Part 2

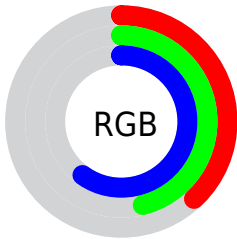
Format	Color
R_{YB}	96, 112, 152
Decimal	6321816
CIE Lab	49.14, 0.76, -20.97
CIE LCh	49, 20.987, 272.065
Yxy	17.7107, 0.2536, 0.2647
Android (android.graphics.Color)	4284511896 (0xFF607698)
YUV	115.2980, 18.0941, -16.9243
Hunter-Lab	42.0840, -1.6694, -15.9481

Details

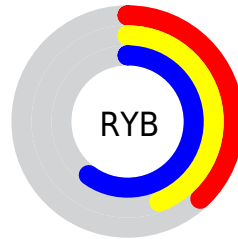
The YUV color **115.2980, 18.0941, -16.9243** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **132.7020, -18.0941, 16.9243**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5260, 18.9677, -17.1243**, and **66.3580, 17.0785, -17.8540** is the 20% darker color. If you saturate the color by 10%, you get **105.5300, 22.9097, -21.5128**, and if you desaturate by 10%, it is **125.0660, 13.2785, -12.3359**.

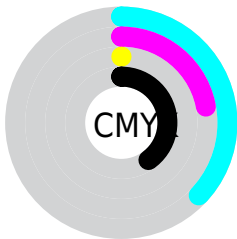
Distribution



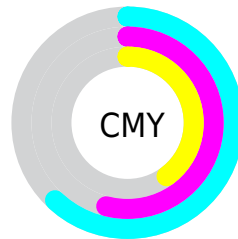
- Red (38%)
- Green (46%)
- Blue (60%)



- Red (38%)
- Yellow (44%)
- Blue (60%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2980, 18.0941, -16.9243 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 115.2980, 18.0941, -16.9243 by changing the saturation by 10% instead.

■ 115.2980, 18.0941,
-16.9243

■ 115.2980, 18.0941,
-16.9243

255.0000, 0.0000,
0.0000

■ 90.1840, 17.6573,
-16.8244

■ 167.5260, 18.9677,
-17.1243

■ 66.3580, 17.0785,
-17.8540

■ 194.7540, 19.8413,
-17.3243

■ 43.2330, 16.6471,
-19.4983

■ 221.8420, 16.3469,
-16.5244

■ 22.0050, 15.7735,
-19.2984

■ 247.5360, 3.6798,
-13.6251

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 115.2980, 18.0941,
-16.9243

■ 115.2980, 18.0941,
-16.9243

■ 105.5300, 22.9097,
-21.5128

■ 125.0660, 13.2785,
-12.3359

■ 95.7620, 27.7253,
-26.1013

■ 134.8340, 8.4628,
-7.7474

■ 85.1080, 32.9778,
-30.7897

■ 145.4880, 3.2104,
-3.0590

■ 75.3400, 37.7934,
-35.3782

■ 155.2560, -1.6052,
1.5295

■ 65.5720, 42.6090,
-39.9666

■ 165.0240, -6.4208,
6.1180

■ 55.8040, 47.4246,
-44.5551

■ 174.7920,
-11.2365, 10.7064

■ 52.5480, 49.0298,
-46.0846

■ 185.1470,
-16.3415, 14.7801

■ 195.2140,
-21.3045, 19.9833

■ 204.9820,
-26.1201, 24.5718

Harmonies

Analogous

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



110.9000, 18.2903, -33.2383



115.2980, 18.0941, -16.9243



118.6810, 13.9613, 2.0338

Triad

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



115.2980, 18.0941, -16.9243



118.3690, -9.5489, 29.4944



111.3860, -5.6133, -19.6325

Complementary

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



115.2980, 18.0941, -16.9243



132.7020, -18.0941, 16.9243

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.



113.4220, -13.5190, -3.8781



115.2980, 18.0941, -16.9243



117.1310, -15.3476, 22.6871

Square

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



115.2980, 18.0941, -16.9243



119.4210, -1.6866, 27.6948



115.5980, -17.0568, 10.8766



108.8170, 4.0342, -34.0425

Rectangle

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



115.2980, 18.0941, -16.9243



119.6070, 9.5607, 13.4997



115.5980, -17.0568, 10.8766



111.9090, -8.8291, -14.8292

Sweetspot

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



115.2980, 18.0941, -16.9243



182.0900, 6.8576, -6.2179



132.7480, -1.3548, -32.2280



91.3030, 3.7946, -3.7737



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



115.2980, 18.0941, -16.9243



139.7620, 27.7253, -26.1013



104.1780, 23.5762, -1.9101



71.6730, 2.6262, -2.3442



48.2450, 45.2352, -42.3109



4.4170, 4.2314, -3.8737

Inverse Universe

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



115.2520, 1.3548, 32.2280



139.5900, 2.1741, 49.4716



143.8220, -23.5762, 1.9101



71.7340, 0.1311, 4.6183



48.1300, 3.3869, 80.5700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 115.2980, 18.0941, -16.9243 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 115.2980, 18.0941, -16.9243 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 × Fail

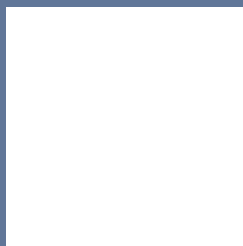
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 115.2980, 18.0941, -16.9243

Background



This preview shows how black text looks on a background with the YUV color 115.2980, 18.0941, -16.9243.



This preview shows how white text looks on a background with the YUV color 115.2980, 18.0941, -16.9243.

-16.9243.

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

115.2980, 18.0941, -16.9243

Protanopia

116.5980, 16.4672, -8.4174

Deuteranopia

117.2390, 17.6302, -8.1026



Tritanopia

113.7570, 8.5008, -19.9579

Trichromacy



Original Color

115.2980, 18.0941, -16.9243

Protanomaly

116.1030, 17.2042, -11.4913

Deuteranomaly

116.6300, 17.9304, -11.0765

Tritanomaly

114.6800, 11.9898, -19.0134

Monochromacy



Original Color

115.2980, 18.0941, -16.9243

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2980, 18.0941, -16.9243 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(96, 118, 152)` looks like.

```
.text, #text, p{  
    color:rgb(96, 118, 152)  
}
```

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(96, 118, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 118, 152) }
```

Border

The CSS property to change the border of an element to YUV 115.2980, 18.0941, -16.9243 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(96, 118, 152) }
```


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

```
.border{ border-color:rgb(96, 118, 152) }
```

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

Here you see how a box with a 4 pixel rgb(96, 118, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 118, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 118, 152);  
box-shadow:4px 4px 4px 4px rgb(96, 118,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 115.2980, 18.0941, -16.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 118, 152) }
```

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

```
.background{ background-color: rgb(96, 118,  
152) }
```

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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