

Converting Colors

YUV(116.9680, 15.2988,
-6.9879)

Have a look what the booklet for
YUV(116.9680, 15.2988, -6.9879)
contains.

YUV(116.9680, 15.2988, -6.9879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.9680, 15.2988,
-6.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7394
RGB	109, 115, 148
RGB Percent	43%, 45%, 58%
CMY	0.5725, 0.5490, 0.4196
CMYK	0.26, 0.22, 0.00, 0.42
HSL	231°, 15%, 50%
HSV	231°, 26%, 58%
XYZ	17.7827, 17.6508, 30.4867
YIQ	116.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

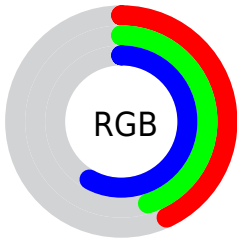
Format	Color
R_{YB}	109, 114, 148
Decimal	7173012
CIE _{Lab}	49.07, 5.50, -18.65
CIE _{LCh}	49, 19.446, 286.425
Yxy	17.6508, 0.2698, 0.2678
Android (android.graphics.Color)	4285363092 (0xFF6D7394)
YUV	116.9680, 15.2988, -6.9879
Hunter-Lab	42.0129, 2.0309, -13.6149

Details

The YUV color **116.9680, 15.2988, -6.9879** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.0320, -15.2988, 6.9879**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1960, 16.1724, -7.1879**, and **68.3270, 14.1358, -7.3028** is the 20% darker color. If you saturate the color by 10%, you get **104.8520, 21.2720, -9.5172**, and if you desaturate by 10%, it is **129.0840, 9.3256, -4.4587**.

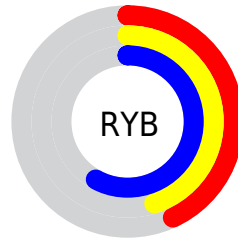
Distribution



Red (43%)

Green (45%)

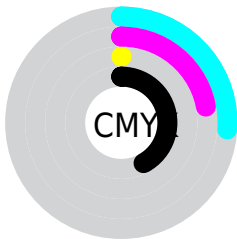
Blue (58%)



Red (43%)

Yellow (45%)

Blue (58%)

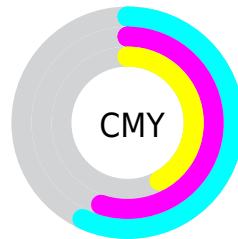


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (42%)



Cyan (57%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9680, 15.2988, -6.9879 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 116.9680, 15.2988, -6.9879 by changing the saturation by 10% instead.

■ 116.9680, 15.2988,
-6.9879

■ 116.9680, 15.2988,
-6.9879

■ 255.0000, 0.0000,
0.0000

■ 92.4410, 14.5726,
-7.4028

■ 169.1960, 16.1724,
-7.1879

■ 68.3270, 14.1358,
-7.3028

■ 196.3100, 16.6092,
-7.2879

■ 45.8000, 13.4096,
-7.7176

■ 223.9680, 15.2988,
-6.9879

■ 24.6750, 12.9782,
-9.3620

■ 249.0750, 2.9210,
-3.5738

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

■ 116.9680, 15.2988,
-6.9879

■ 116.9680, 15.2988,
-6.9879

■ 104.8520, 21.2720,
-9.5172

■ 129.0840, 9.3256,
-4.4587

■ 93.3230, 26.9558,
-12.5613

■ 140.6130, 3.6418,
-1.4146

■ 81.5060, 32.7815,
-14.4758

■ 152.4300, -2.1840,
0.4999

■ 69.9770, 38.4653,
-17.5198

■ 163.9590, -7.8678,
3.5440

■ 57.8610, 44.4385,
-20.0491

■ 176.0750,
-13.8410, 6.0732

■ 46.3320, 50.1223,
-23.0932

■ 187.6040,
-19.5248, 9.1173

■ 34.2160, 56.0955,
-25.6224


■ 199.7200,
-25.4980, 11.6466

■ 30.3730, 57.9901,

■ 210.9500,

-26.6371

-31.0343, 14.0759

 223.0660,
-37.0075, 16.6051

Harmonies

Analogous

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



113.0260, 17.2422, -23.7018



116.9680, 15.2988, -6.9879



118.6990, 10.0084, 9.9110

Triad

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



116.9680, 15.2988, -6.9879



117.9510, -12.3008, 25.4760



110.2050, -1.0871, -24.7358

Complementary

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



116.9680, 15.2988, -6.9879



140.0320, -15.2988, 6.9879

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.



113.0020, -9.8610, -10.5258



116.9680, 15.2988, -6.9879



116.3860, -15.4733, 16.3245

Square

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



116.9680, 15.2988, -6.9879



118.7970, -5.3229, 27.3650



114.5370, -14.5617, 3.9141



108.8430, 7.9654, -34.9423

Rectangle

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



116.9680, 15.2988, -6.9879



119.2010, 5.3239, 19.1177



114.5370, -14.5617, 3.9141



111.4290, -4.1555, -20.5472

Sweetspot

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



116.9680, 15.2988, -6.9879



178.8840, 5.9732, -2.5293



135.6550, 3.1281, -23.3764



89.3140, 3.7892, -2.0294



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.



116.9680, 15.2988, -6.9879



142.2370, 24.0402, -10.7318



117.3330, 15.1188, 4.0930



68.3850, 2.7682, -1.2146



28.0590, 54.2009, -24.6077



2.3140, 3.7892, -2.0294

Inverse Universe

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



121.3450, -3.1281, 23.3764



149.2650, -5.0606, 36.6016



139.6670, -15.1188, -4.0930



69.2070, -0.5951, 4.2035



43.6560, -11.1694, 82.7397



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 116.9680, 15.2988, -6.9879 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 116.9680, 15.2988, -6.9879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

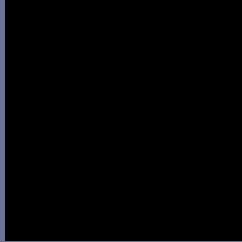
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.9680, 15.2988, -6.9879

Background



This preview shows how black text looks on a background with the YUV color 116.9680, 15.2988, -6.9879.



This preview shows how white text looks on a background with the YUV color 116.9680, 15.2988, -6.9879.

-6.9879.

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

116.9680, 15.2988, -6.9879

Protanopia

116.6690, 15.4462, -7.6027

Deuteranopia

116.9790, 15.2934, -5.2436



Tritanopia

115.8400, 5.9949, -9.5067

Trichromacy



Original Color

116.9680, 15.2988, -6.9879

Protanomaly

116.6690, 15.4462, -7.6027

Deuteranomaly

116.6800, 15.4408, -5.8584

Tritanomaly

116.3500, 9.1945, -9.0769

Monochromacy



Original Color

116.9680, 15.2988, -6.9879

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9680, 15.2988, -6.9879 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(109, 115, 148)` looks like.

```
.text, #text, p{  
    color:rgb(109, 115, 148)  
}
```

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(109, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 115, 148) }
```

Border

The CSS property to change the border of an element to YUV 116.9680, 15.2988, -6.9879 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(109, 115, 148) }
```


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

```
.border{ border-color:rgb(109, 115, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 115, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 115, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 115, 148);  
box-shadow:4px 4px 4px 4px rgb(109, 115,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 116.9680, 15.2988, -6.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 115, 148) }
```

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

```
.background{ background-color: rgb(109,  
115, 148) }
```

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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