

Converting Colors

YUV(110.2940, 17.6031, 0.6192)

Have a look what the booklet for
YUV(110.2940, 17.6031, 0.6192)
contains.

YUV(110.2940, 17.6031, 0.6192)	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(110.2940, 17.6031,
0.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6792
RGB	111, 103, 146
RGB Percent	44%, 40%, 57%
CMY	0.5647, 0.5961, 0.4275
CMYK	0.24, 0.29, 0.00, 0.43
HSL	251°, 17%, 49%
HSV	251°, 29%, 57%
XYZ	16.5941, 15.1553, 29.2448
YIQ	110.2940, -9.0350, 15.0690

Conversions

Conversions Part 2

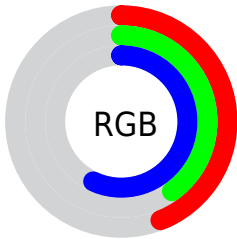
Format	Color
R_{YB}	111, 103, 146
Decimal	7301010
CIE _{Lab}	45.85, 12.87, -22.41
CIE _{LCh}	46, 25.844, 299.878
Yxy	15.1553, 0.2721, 0.2485
Android (android.graphics.Color)	4285491090 (0xFF6F6792)
YUV	110.2940, 17.6031, 0.6192
Hunter-Lab	38.9298, 7.9596, -17.2888

Details

The YUV color $110.2940, 17.6031, 0.6192$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $138.7060, -17.6031, -0.6192$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.9350, 18.7660, 0.9340$, and $62.2400, 16.1507, -0.2105$ is the 20% darker color. If you saturate the color by 10%, you get $97.9010, 23.7128, 0.9638$, and if you desaturate by 10%, it is $122.6870, 11.4933, 0.2745$.

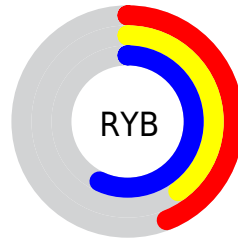
Distribution



Red (44%)

Green (40%)

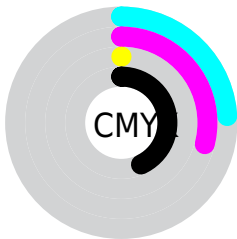
Blue (57%)



Red (44%)

Yellow (40%)

Blue (57%)

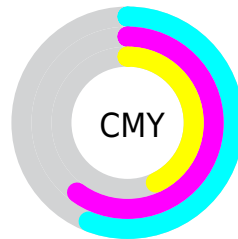


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.2940, 17.6031, 0.6192 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 110.2940, 17.6031, 0.6192 by changing the saturation by 10% instead.

■ 110.2940, 17.6031,
0.6192

■ 110.2940, 17.6031,
0.6192

■ 255.0000, 0.0000,
0.0000

■ 85.7670, 16.8769,
0.2043

■ 161.9350, 18.7660,
0.9340

■ 62.2400, 16.1507,
-0.2105

■ 189.3480, 19.0554,
1.4488

■ 40.3000, 15.1351,
-1.1401

■ 216.6470, 18.9080,
2.0636

■ 18.8870, 14.8457,
-1.6549

■ 242.0420, 6.3883,
4.3482

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 110.2940, 17.6031,
0.6192

■ 110.2940, 17.6031,
0.6192

■ 97.9010, 23.7128,
0.9638

■ 122.6870, 11.4933,
0.2745

■ 86.0950, 29.5332,
0.7937

■ 134.4930, 5.6730,
0.4446

■ 73.7020, 35.6429,
1.1383

■ 146.8860, -0.4368,
0.1000

■ 61.8960, 41.4633,
0.9682

■ 158.6920, -6.2572,
0.2701

■ 49.8020, 47.4256,
1.9276

■ 170.7860,
-12.2195, -0.6893

■ 37.4090, 53.5354,
2.2723

■ 183.1790,
-18.3292, -1.0340

■ 25.6030, 59.3557,
2.1022


■ 194.9850,
-24.1496, -0.8638

■ 24.7170, 59.7925,

■ 207.3780,

2.0022

-30.2594, -1.2085

 219.1840,
-36.0797, -1.0384

Harmonies

Analogous

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



105.6930, 22.3364, -24.2868



110.2940, 17.6031, 0.6192



111.9500, 9.3917, 21.0919

Triad

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



110.2940, 17.6031, 0.6192



109.0670, -18.2740, 28.0052



96.8050, 5.5191, -43.6790

Complementary

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



110.2940, 17.6031, 0.6192



138.7060, -17.6031, -0.6192

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.



101.4950, -7.6390, -23.2361



110.2940, 17.6031, 0.6192



106.9960, -20.7040, 14.0355

Square

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



110.2940, 17.6031, 0.6192



110.0600, -10.8756, 35.0274



105.0970, -17.3028, -3.5931



92.6210, 17.9348, -59.3036

Rectangle

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



110.2940, 17.6031, 0.6192



111.5830, 2.6706, 30.1837



105.0970, -17.3028, -3.5931



98.8830, 0.5507, -36.7314

Sweetspot

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



110.2940, 17.6031, 0.6192



174.8350, 6.9833, 0.1447



128.4470, 8.6536, -22.3170



85.7380, 4.0732, 0.2298



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



110.2940, 17.6031, 0.6192



134.1120, 27.0598, 0.7788



116.5730, 14.5075, 13.5295



68.0970, 2.9102, -0.0851



23.5060, 56.4455, 2.1872



1.7380, 4.0732, 0.2298

Inverse Universe

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



119.8470, 8.9494, 22.9362



148.7760, 13.4214, 35.2764



132.4270, -14.5075, -13.5295



69.7770, 1.5889, 3.7036



54.0300, 28.5792, 73.6417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 110.2940, 17.6031, 0.6192 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 110.2940, 17.6031, 0.6192 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 110.2940, 17.6031, 0.6192

Background



This preview shows how black text looks on a background with the YUV color 110.2940, 17.6031, 0.6192.



This preview shows how white text looks on a background with the YUV color 110.2940, 17.6031,

0.6192.

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

110.2940, 17.6031, 0.6192

Protanopia

108.4990, 19.9670, -10.9616

Deuteranopia

108.9400, 17.7776, -8.7174



Tritanopia

109.0150, 3.9366, -2.6442

Trichromacy



Original Color

110.2940, 17.6031, 0.6192

Protanomaly

109.2930, 19.0826, -7.2730

Deuteranomaly

109.5490, 17.4773, -5.7435

Tritanomaly

109.6930, 9.0254, -1.4848

Monochromacy



Original Color

110.2940, 17.6031, 0.6192

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.2940, 17.6031, 0.6192 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(111, 103, 146)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 146)  
}
```

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(111, 103, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 146) }
```

Border

The CSS property to change the border of an element to YUV 110.2940, 17.6031, 0.6192 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(111, 103, 146) }
```


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

```
.border{ border-color:rgb(111, 103, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 146);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 110.2940, 17.6031, 0.6192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 146) }
```

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

```
.background{ background-color: rgb(111,  
103, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor