

Converting Colors

YUV(112.6680, 16.9257,
-15.4948)

Have a look what the booklet for
YUV(112.6680, 16.9257, -15.4948)
contains.

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Color

**YUV(112.6680, 16.9257,
-15.4948)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7393
RGB	95, 115, 147
RGB Percent	37%, 45%, 58%
CMY	0.6275, 0.5490, 0.4235
CMYK	0.35, 0.22, 0.00, 0.42
HSL	217°, 21%, 47%
HSV	217°, 35%, 58%
XYZ	16.1165, 16.8009, 29.9972
YIQ	112.6680, -22.1920, 5.7120

Conversions

Conversions Part 2

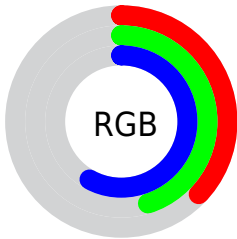
Format	Color
R_{YB}	95, 109, 147
Decimal	6255507
CIE _{Lab}	48.01, 0.85, -19.78
CIE _{LCh}	48, 19.797, 272.455
Yxy	16.8009, 0.2562, 0.2670
Android (android.graphics.Color)	4284445587 (0xFF5F7393)
YUV	112.6680, 16.9257, -15.4948
Hunter-Lab	40.9890, -1.5460, -14.6983

Details

The YUV color **112.6680, 16.9257, -15.4948** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **129.3320, -16.9257, 15.4948**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8960, 17.7993, -15.6948**, and **64.0270, 15.7627, -15.8097** is the 20% darker color. If you saturate the color by 10%, you get **102.9000, 21.7413, -20.0833**, and if you desaturate by 10%, it is **122.4360, 12.1101, -10.9064**.

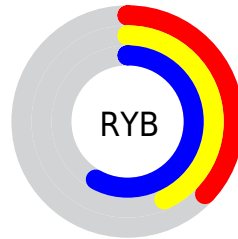
Distribution



Red (37%)

Green (45%)

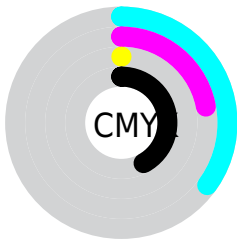
Blue (58%)



Red (37%)

Yellow (43%)

Blue (58%)

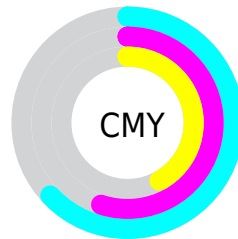


Cyan (35%)

Magenta (22%)

Yellow (0%)

Black (42%)



Cyan (63%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6680, 16.9257, -15.4948 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 112.6680, 16.9257, -15.4948 by changing the saturation by 10% instead.

■ 112.6680, 16.9257,
-15.4948

■ 112.6680, 16.9257,
-15.4948

255.0000, 0.0000,
0.0000

■ 88.1410, 16.1995,
-15.9097

■ 164.8960, 17.7993,
-15.6948

■ 64.0270, 15.7627,
-15.8097

■ 192.0100, 18.2361,
-15.7948

■ 40.9020, 15.3313,
-17.4541

■ 219.7820, 17.3625,
-15.5948

■ 20.3750, 14.6051,
-17.8689

■ 244.5900, 5.1321,
-12.7954

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 112.6680, 16.9257,
-15.4948

■ 112.6680, 16.9257,
-15.4948

■ 102.9000, 21.7413,
-20.0833

■ 122.4360, 12.1101,
-10.9064

■ 93.4310, 26.4095,
-24.0570

■ 131.9050, 7.4418,
-6.9327

■ 83.6630, 31.2251,
-28.6455

■ 141.6730, 2.6262,
-2.3442

■ 73.8950, 36.0408,
-33.2339

■ 151.4410, -2.1894,
2.2442

■ 64.4260, 40.7090,
-37.2076

■ 161.2090, -7.0050,
6.8327

■ 54.6580, 45.5246,
-41.7961

■ 170.6780,
-11.6733, 10.8064

■ 50.2170, 47.7140,
-44.0403

■ 180.4460,
-16.4889, 15.3949

■ 190.2140,

-21.3045, 19.9833

■ 199.6830,
-25.9727, 23.9570

Harmonies

Analogous

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



108.5690, 16.9745, -31.1940



112.6680, 16.9257, -15.4948



115.4530, 13.0877, 2.2337

Triad

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



112.6680, 16.9257, -15.4948



115.4720, -9.1067, 27.6501



108.7990, -5.3239, -19.1177

Complementary

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



112.6680, 16.9257, -15.4948



129.3320, -16.9257, 15.4948

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.



110.9490, -12.7929, -3.4633



112.6680, 16.9257, -15.4948



114.6470, -14.6160, 21.3576

Square

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



112.6680, 16.9257, -15.4948



116.4100, -1.6811, 25.9504



112.9400, -15.7464, 10.5766



106.5400, 4.1708, -31.1686

Rectangle

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



112.6680, 16.9257, -15.4948



116.6670, 8.5452, 12.5700



112.9400, -15.7464, 10.5766



109.7350, -8.2504, -13.7996

Sweetspot

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



112.6680, 16.9257, -15.4948



177.0900, 6.8576, -6.2179



129.0580, -1.5076, -29.8689



88.4170, 4.2314, -3.8737



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.



112.6680, 16.9257, -15.4948



138.3170, 25.9727, -23.9570



102.4230, 21.9765, -2.1250



68.9720, 2.4788, -1.7294



46.8430, 44.9404, -41.0813



3.4880, 3.2104, -3.0590

Inverse Universe

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



112.8280, 1.0708, 29.9688



138.4540, 1.7482, 46.0828



139.5770, -21.9765, 2.1250



69.3210, -0.1583, 4.1035



47.3040, 2.8081, 79.5404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 112.6680, 16.9257, -15.4948 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 112.6680, 16.9257, -15.4948 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

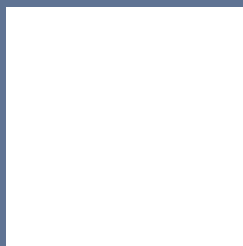
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.6680, 16.9257, -15.4948

Background



This preview shows how black text looks on a background with the YUV color 112.6680, 16.9257, -15.4948.



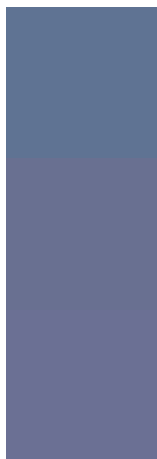
This preview shows how white text looks on a background with the YUV color 112.6680, 16.9257, -15.4948.

-15.4948.

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

112.6680, 16.9257, -15.4948

Protanopia

113.6690, 15.4462, -7.6027

Deuteranopia

114.6090, 16.4618, -6.6731



Tritanopia

110.7680, 8.4954, -18.2135

Trichromacy



Original Color

112.6680, 16.9257, -15.4948

Protanomaly

113.1740, 16.1832, -10.6766

Deuteranomaly

114.0000, 16.7620, -9.6470

Tritanomaly

111.5770, 11.5475, -17.1690

Monochromacy



Original Color

112.6680, 16.9257, -15.4948

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6680, 16.9257, -15.4948 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(95, 115, 147)` looks like.

```
.text, #text, p{  
    color:rgb(95, 115, 147)  
}
```

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(95, 115, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 115, 147) }
```

Border

The CSS property to change the border of an element to YUV 112.6680, 16.9257, -15.4948 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(95, 115, 147) }
```


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

```
.border{ border-color:rgb(95, 115, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 115, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 115, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 115, 147);  
box-shadow:4px 4px 4px 4px rgb(95, 115,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 112.6680, 16.9257, -15.4948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 115, 147) }
```

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

```
.background{ background-color: rgb(95, 115,  
147) }
```

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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