

Converting Colors

YUV(114.6770, 6.5682, -6.7327)

Have a look what the booklet for
YUV(114.6770, 6.5682, -6.7327)
contains.

YUV(114.6770, 6.5682, -6.7327)	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(114.6770, 6.5682,
-6.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7480
RGB	107, 116, 128
RGB Percent	42%, 45%, 50%
CMY	0.5804, 0.5451, 0.4980
CMYK	0.16, 0.09, 0.00, 0.50
HSL	214°, 9%, 46%
HSV	214°, 16%, 50%
XYZ	16.2051, 17.1751, 22.8831
YIQ	114.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

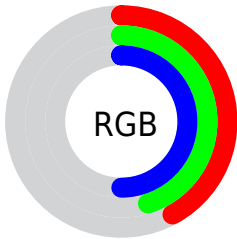
Format	Color
R_{YB}	107, 113, 128
Decimal	7042176
CIE Lab	48.48, -0.68, -7.74
CIE LCh	48, 7.767, 264.985
Yxy	17.1751, 0.2880, 0.3053
Android (android.graphics.Color)	4285232256 (0xFF6B7480)
YUV	114.6770, 6.5682, -6.7327
Hunter-Lab	41.4428, -2.7275, -3.7276

Details

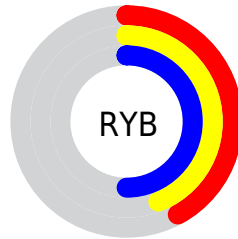
The YUV color **114.6770, 6.5682, -6.7327** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120.3230, -6.5682, 6.7327**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7910, 7.0050, -6.8327**, and **66.5630, 6.1314, -6.6328** is the 20% darker color. If you saturate the color by 10%, you get **106.6810, 10.5103, -11.1212**, and if you desaturate by 10%, it is **122.6730, 2.6262, -2.3442**.

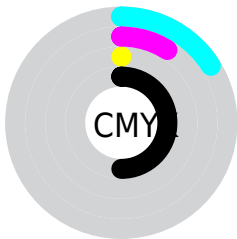
Distribution



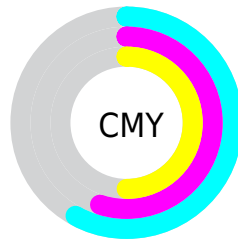
- Red (42%)
- Green (45%)
- Blue (50%)



- Red (42%)
- Yellow (44%)
- Blue (50%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6770, 6.5682, -6.7327 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 114.6770, 6.5682, -6.7327 by changing the saturation by 10% instead.

■ 114.6770, 6.5682,
-6.7327

■ 114.6770, 6.5682,
-6.7327

■ 255.0000, 0.0000,
0.0000

■ 89.9760, 6.4208,
-6.1180

■ 166.7910, 7.0050,
-6.8327

■ 66.5630, 6.1314,
-6.6328

■ 193.7910, 7.0050,
-6.8327

■ 44.4490, 5.6946,
-6.5328

■ 221.6060, 7.5892,
-7.5475

■ 23.7480, 5.5472,
-5.9180

■ 249.3520, 2.7845,
-6.4477

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 114.6770, 6.5682,
-6.7327

■ 114.6770, 6.5682,
-6.7327

■ 106.6810, 10.5103,
-11.1212

■ 122.6730, 2.6262,
-2.3442

■ 98.0980, 14.7417,
-14.9949

■ 131.2560, -1.6052,
1.5295

■ 90.4010, 18.5363,
-18.7687

■ 138.9530, -5.3998,
5.3032

■ 82.4050, 22.4783,
-23.1572

■ 146.9490, -9.3419,
9.6917

■ 73.8220, 26.7098,
-27.0309

■ 155.5320,
-13.5733, 13.5654

■ 65.8260, 30.6518,
-31.4194

■ 163.5280,
-17.5153, 17.9539

■ 57.8300, 34.5938,
-35.8079

■ 171.5240,
-21.4573, 22.3425

■ 49.5460, 38.6778,

■ 179.8080,

-39.0668

-25.5413, 25.6014

■ 46.8770, 39.9936,
-41.1111

■ 187.8040,
-29.4834, 29.9899

Harmonies

Analogous

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



113.8290, 6.0003, -11.2510



114.6770, 6.5682, -6.7327



115.7810, 5.5310, -0.6849

Triad

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



114.6770, 6.5682, -6.7327



116.2680, -3.0901, 11.1660



113.4570, -3.1833, -5.6628

Complementary

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



114.6770, 6.5682, -6.7327



120.3230, -6.5682, 6.7327

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.



114.2190, -5.5310, 0.6849



114.6770, 6.5682, -6.7327



115.6870, -5.2687, 9.9215

Square

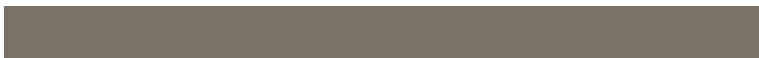
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



114.6770, 6.5682, -6.7327



116.6530, -0.3219, 9.9513



115.0240, -6.4208, 6.1180



113.0480, 0.4693, -10.5661

Rectangle

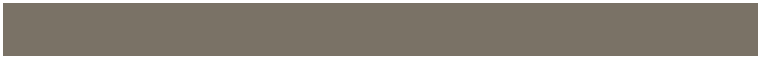
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



114.6770, 6.5682, -6.7327



115.7600, 4.0623, 3.7185



115.0240, -6.4208, 6.1180



113.9410, -3.9149, -4.3333

Sweetspot

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



114.6770, 6.5682, -6.7327



160.3740, 2.7736, -2.9590



120.6950, -0.8356, -12.0105



80.7440, 1.6052, -1.5295



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



114.6770, 6.5682, -6.7327



144.9800, 10.3629, -10.5065



109.6930, 9.0254, -1.4848



59.5590, 2.1894, -2.2442



46.8770, 39.9936, -41.1111



0.0000, 0.0000, 0.0000

Inverse Universe

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



114.3050, 0.8356, 12.0105



144.4630, 1.2507, 18.8879



125.3070, -9.0254, 1.4848



59.4350, 0.2785, 4.0035



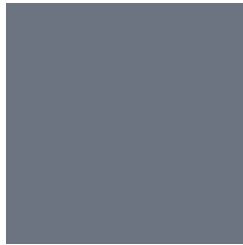
44.5420, 5.1558, 73.1927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 114.6770, 6.5682, -6.7327 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 114.6770, 6.5682, -6.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

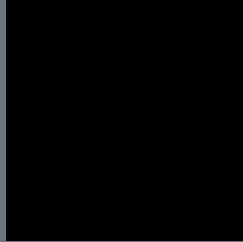
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

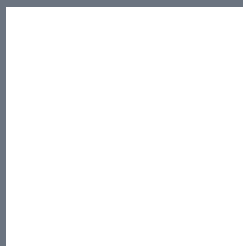
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.6770, 6.5682, -6.7327

Background



This preview shows how black text looks on a background with the YUV color 114.6770, 6.5682, -6.7327.



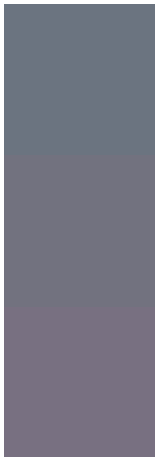
This preview shows how white text looks on a background with the YUV color 114.6770, 6.5682, -6.7327.

-6.7327.

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

114.6770, 6.5682, -6.7327

Protanopia

115.4820, 5.6784, -1.2997

Deuteranopia

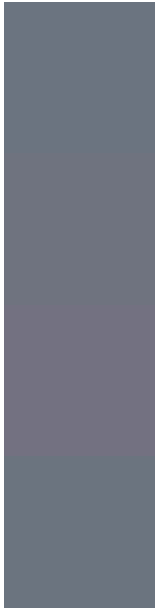
116.3300, 6.2463, 3.2186



Tritanopia

114.4490, 5.6946, -6.5328

Trichromacy



Original Color

114.6770, 6.5682, -6.7327

Protanomaly

115.1720, 5.8312, -3.6588

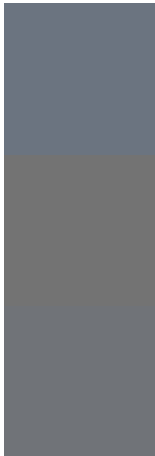
Deuteranomaly

115.4220, 6.6940, -0.3701

Tritanomaly

114.5630, 6.1314, -6.6328

Monochromacy



Original Color

114.6770, 6.5682, -6.7327

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.6730, 2.6262, -2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6770, 6.5682, -6.7327 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(107, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 116, 128)  
}
```

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(107, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 116, 128) }
```

Border

The CSS property to change the border of an element to YUV 114.6770, 6.5682, -6.7327 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(107, 116, 128) }
```


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

```
.border{ border-color:rgb(107, 116, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 116, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 116, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 116,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 114.6770, 6.5682, -6.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 116, 128) }
```

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

```
.background{ background-color: rgb(107,  
116, 128) }
```

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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