

Converting Colors

YUV(120.5470, 3.6743,
-11.8807)

Have a look what the booklet for
YUV(120.5470, 3.6743, -11.8807)
contains.

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Color

**YUV(120.5470, 3.6743,
-11.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7E80
RGB	107, 126, 128
RGB Percent	42%, 49%, 50%
CMY	0.5804, 0.5059, 0.4980
CMYK	0.16, 0.02, 0.00, 0.50
HSL	186°, 9%, 46%
HSV	186°, 16%, 50%
XYZ	17.4205, 19.6060, 23.2883
YIQ	120.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

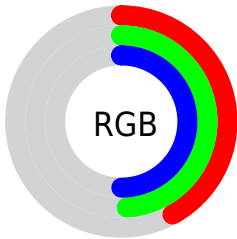
Format	Color
RYB	107, 117, 128
Decimal	7044736
CIELab	51.39, -6.45, -3.42
CIELCh	51, 7.302, 207.921
Yxy	19.6060, 0.2888, 0.3251
Android (android.graphics.Color)	4285234816 (0xFF6B7E80)
YUV	120.5470, 3.6743, -11.8807
Hunter-Lab	44.2787, -7.2605, -0.1883

Details

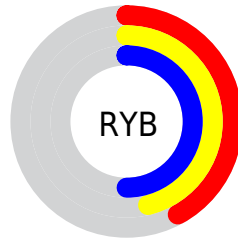
The YUV color **120.5470, 3.6743, -11.8807** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.4530, -3.6743, 11.8807**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2480, 3.8217, -12.4955**, and **71.8460, 3.5269, -11.2659** is the 20% darker color. If you saturate the color by 10%, you get **116.0730, 5.8800, -19.3580**, and if you desaturate by 10%, it is **125.0210, 1.4686, -4.4034**.

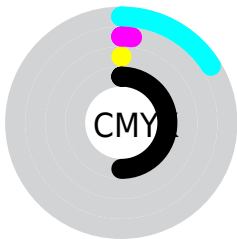
Distribution



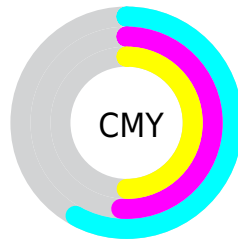
- Red (42%)
- Green (49%)
- Blue (50%)



- Red (42%)
- Yellow (46%)
- Blue (50%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5470, 3.6743, -11.8807 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 120.5470, 3.6743, -11.8807 by changing the saturation by 10% instead.

■ 120.5470, 3.6743,
-11.8807

■ 120.5470, 3.6743,
-11.8807

■ 255.0000, 0.0000,
0.0000

■ 95.8460, 3.5269,
-11.2659

■ 173.2480, 3.8217,
-12.4955

■ 71.8460, 3.5269,
-11.2659

■ 200.2480, 3.8217,
-12.4955

■ 49.1450, 3.3795,
-10.6512

■ 228.0630, 4.4059,
-13.2103

■ 28.1450, 3.3795,
-10.6512

■ 251.1130, 1.9163,
-7.9921

■ 7.3520, 2.7845,
-6.4477

■ 0.0000, 0.0000,
0.0000

■ 120.5470, 3.6743,
-11.8807

■ 120.5470, 3.6743,
-11.8807

■ 116.0730, 5.8800,
-19.3580

■ 125.0210, 1.4686,
-4.4034

■ 111.5990, 8.0857,
-26.8353

■ 129.4950, -0.7370,
3.0739

■ 106.8370, 10.4334,
-33.1830

■ 134.2570, -3.0847,
9.4216

■ 102.3630, 12.6390,
-40.6604

■ 138.7310, -5.2904,
16.8989

■ 97.8890, 14.8447,
-48.1377

■ 143.2050, -7.4961,
24.3762

■ 93.4150, 17.0504,
-55.6150

■ 147.6790, -9.7017,
31.8535

■ 88.3540, 19.5455,
-62.5775

■ 152.7400,
-12.1968, 38.8160

■ 84.1790, 21.6038,

■ 156.9150,

-69.4400

-14.2551, 45.6785

■ 82.6840, 22.3408,
-72.5139

■ 161.3890,
-16.4608, 53.1558

Harmonies

Analogous

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



120.4610, 0.7587, -10.0513



120.5470, 3.6743, -11.8807



121.1280, 5.8529, -10.6363

Triad

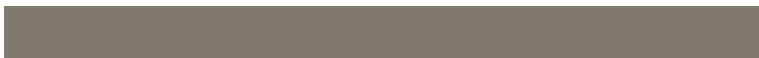
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120.5470, 3.6743, -11.8807



123.4290, 2.7465, 5.7628



122.4260, -6.1260, 4.8884

Complementary

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



120.5470, 3.6743, -11.8807



114.4530, -3.6743, 11.8807

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.



123.2740, -5.5581, 9.4067



120.5470, 3.6743, -11.8807



123.6530, -0.3219, 9.9513

Square

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



120.5470, 3.6743, -11.8807



122.9660, 4.9468, 0.0298



123.8550, -3.3795, 10.6512



121.6210, -5.2362, -0.5446

Rectangle

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



120.5470, 3.6743, -11.8807



121.8510, 5.9895, -7.7623



123.8550, -3.3795, 10.6512



122.4370, -6.1314, 6.6328

Sweetspot

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



120.5470, 3.6743, -11.8807



162.7220, 1.6161, -5.0182



119.5550, -5.2036, -11.0107



82.5050, 0.7370, -3.0739



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.



120.5470, 3.6743, -11.8807



154.3720, 5.7326, -18.7432



114.6770, 6.5682, -6.7327



61.3200, 1.3212, -3.7886



82.0970, 22.6302, -71.9991



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.4450, 5.2036, 11.0107



146.2870, 8.2395, 17.2883



120.3230, -6.5682, 6.7327



59.7770, 1.5889, 3.7036



51.3820, 31.3637, 67.1940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 120.5470, 3.6743, -11.8807 looks on a white 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

Black Background



This preview shows how the YUV color 120.5470, 3.6743, -11.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

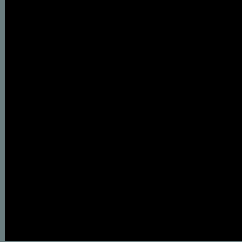
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

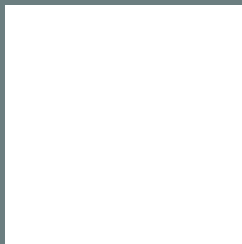
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.5470, 3.6743, -11.8807

Background



This preview shows how black text looks on a background with the YUV color 120.5470, 3.6743, -11.8807.



This preview shows how white text looks on a background with the YUV color 120.5470, 3.6743, -11.8807.

-11.8807.

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

120.5470, 3.6743, -11.8807

Protanopia

122.6410, 1.1630, 0.3148

Deuteranopia

123.8420, 3.0359, 6.2776



Tritanopia

121.0570, 6.8739, -11.4510

Trichromacy



Original Color

120.5470, 3.6743, -11.8807

Protanomaly

121.5480, 2.1948, -3.9886

Deuteranomaly

122.7980, 3.0576, -0.6998

Tritanomaly

120.7150, 5.5635, -11.1511

Monochromacy



Original Color

120.5470, 3.6743, -11.8807

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5470, 3.6743, -11.8807 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, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 126, 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, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 126, 128) }
```

Border

The CSS property to change the border of an element to YUV 120.5470, 3.6743, -11.8807 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, 126, 128) }
```


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

```
.border{ border-color:rgb(107, 126, 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, 126, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 126, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 126, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 126,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 120.5470, 3.6743, -11.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 126, 128) }
```

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

```
.background{ background-color: rgb(107,  
126, 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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