

Converting Colors

YUV(120.5460, 8.6048, -6.6178)

Have a look what the booklet for
YUV(120.5460, 8.6048, -6.6178)
contains.

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Color

**YUV(120.5460, 8.6048,
-6.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	71798A
RGB	113, 121, 138
RGB Percent	44%, 47%, 54%
CMY	0.5569, 0.5255, 0.4588
CMYK	0.18, 0.12, 0.00, 0.46
HSL	221°, 10%, 49%
HSV	221°, 18%, 54%
XYZ	18.2349, 19.0204, 26.7550
YIQ	120.5460, -10.2250, 3.5910

Conversions

Conversions Part 2

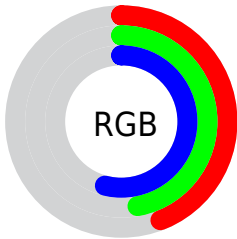
Format	Color
R_{YB}	113, 119, 138
Decimal	7436682
CIE Lab	50.71, 0.83, -10.25
CIE LCh	51, 10.284, 274.615
Yxy	19.0204, 0.2849, 0.2971
Android (android.graphics.Color)	4285626762 (0xFF71798A)
YUV	120.5460, 8.6048, -6.6178
Hunter-Lab	43.6124, -1.6888, -5.8440

Details

The YUV color **120.5460, 8.6048, -6.6178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **130.4540, -8.6048, 6.6178**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6600, 9.0416, -6.7178**, and **72.3180, 7.7312, -6.4179** is the 20% darker color. If you saturate the color by 10%, you get **111.0770, 13.2730, -10.5915**, and if you desaturate by 10%, it is **130.0150, 3.9366, -2.6442**.

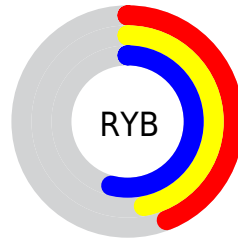
Distribution



Red (44%)

Green (47%)

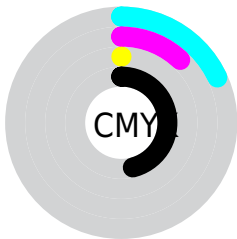
Blue (54%)



Red (44%)

Yellow (47%)

Blue (54%)

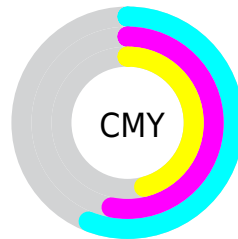


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5460, 8.6048, -6.6178 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 120.5460, 8.6048, -6.6178 by changing the saturation by 10% instead.

■ 120.5460, 8.6048,
-6.6178

■ 120.5460, 8.6048,
-6.6178

■ 255.0000, 0.0000,
0.0000

■ 95.5460, 8.6048,
-6.6178

■ 172.6600, 9.0416,
-6.7178

■ 72.3180, 7.7312,
-6.4179

■ 200.3610, 9.1890,
-7.3326

■ 49.3180, 7.7312,
-6.4179

■ 228.4750, 9.6258,
-7.4326

■ 28.2040, 7.2944,
-6.3179

■ 253.2060, 0.8844,
-3.6887

■ 4.3830, 9.1782,
-3.8439

■ 0.0000, 0.0000,
0.0000

■ 120.5460, 8.6048,
-6.6178

■ 120.5460, 8.6048,
-6.6178

■ 111.0770, 13.2730,
-10.5915

■ 130.0150, 3.9366,
-2.6442

■ 101.0210, 18.2306,
-14.0504

■ 140.0710, -1.0210,
0.8147

■ 91.8510, 22.7515,
-17.4093

■ 149.2410, -5.5418,
4.1736

■ 81.7950, 27.7091,
-20.8682

■ 159.2970,
-10.4994, 7.6325

■ 72.3260, 32.3773,
-24.8419

■ 168.7660,
-15.1676, 11.6062

■ 62.8570, 37.0455,
-28.8156

■ 178.2350,
-19.8359, 15.5799

■ 52.8010, 42.0031,
-32.2745

■ 188.2910,
-24.7935, 19.0388

■ 43.6310, 46.5239,

■ 197.4610,

-35.6334

-29.3143, 22.3977

■ 41.5600, 47.5449,
-36.4481

■ 206.9300,
-33.9825, 26.3714

Harmonies

Analogous

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



119.0890, 8.3371, -14.1101



120.5460, 8.6048, -6.6178



121.7320, 6.5411, 1.9890

Triad

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



120.5460, 8.6048, -6.6178



122.3070, -5.5744, 14.6398



118.2500, -2.5882, -9.8663

Complementary

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



120.5460, 8.6048, -6.6178



130.4540, -8.6048, 6.6178

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.



119.2680, -6.5411, -1.9890



120.5460, 8.6048, -6.6178



121.6010, -8.1843, 11.7509

Square

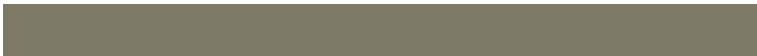
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120.5460, 8.6048, -6.6178



122.7460, -1.3538, 14.2548



120.4430, -8.5994, 4.8735



117.7700, 2.0854, -15.5843

Rectangle

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



120.5460, 8.6048, -6.6178



122.1950, 4.3409, 7.7220



120.4430, -8.5994, 4.8735



118.8050, -4.3409, -7.7220

Sweetspot

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



120.5460, 8.6048, -6.6178



172.2000, 3.3524, -1.9294



129.6130, 0.1908, -14.5696



85.7440, 1.6052, -1.5295



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



120.5460, 8.6048, -6.6178



151.1910, 13.7098, -10.6915



117.0460, 10.3303, -0.0403



63.9720, 2.4788, -1.7294



39.8160, 45.9397, -34.9186



1.7440, 1.6052, -1.5295

Inverse Universe

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



121.3870, -0.1908, 14.5696



152.4420, -0.2179, 23.2914



133.9540, -10.3303, 0.0403



64.3210, -0.1583, 4.1035



44.5550, -1.2596, 77.5663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 120.5460, 8.6048, -6.6178 looks on a white background.

Color Contrast Check

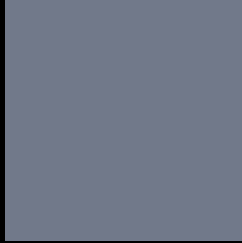
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5460, 8.6048, -6.6178 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

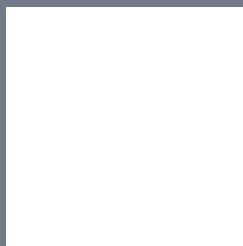
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.5460, 8.6048, -6.6178

Background



This preview shows how black text looks on a background with the YUV color 120.5460, 8.6048, -6.6178.



This preview shows how white text looks on a background with the YUV color 120.5460, 8.6048,

-6.6178.

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

120.5460, 8.6048, -6.6178

Protanopia

121.3400, 7.7204, -2.9292

Deuteranopia

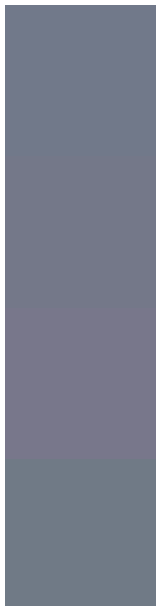
122.1880, 8.2883, 1.5891



Tritanopia

120.1500, 5.8421, -7.1475

Trichromacy



Original Color

120.5460, 8.6048, -6.6178

Protanomaly

120.7420, 8.0152, -4.1587

Deuteranomaly

121.5790, 8.5886, -1.3848

Tritanomaly

120.3780, 6.7156, -7.3475

Monochromacy



Original Color

120.5460, 8.6048, -6.6178

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5460, 8.6048, -6.6178 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(113, 121, 138)` looks like.

```
.text, #text, p{  
    color:rgb(113, 121, 138)  
}
```

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(113, 121, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 121, 138) }
```

Border

The CSS property to change the border of an element to YUV 120.5460, 8.6048, -6.6178 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(113, 121, 138) }
```


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

```
.border{ border-color:rgb(113, 121, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 121, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 121, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 121, 138);  
box-shadow:4px 4px 4px 4px rgb(113, 121,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 120.5460, 8.6048, -6.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 121, 138) }
```

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

```
.background{ background-color: rgb(113,  
121, 138) }
```

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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