

Converting Colors

YUV(113.8880, 9.9152, -6.9178)

Have a look what the booklet for
YUV(113.8880, 9.9152, -6.9178)
contains.

YUV(113.8880, 9.9152, -6.9178)	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(113.8880, 9.9152,
-6.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7286
RGB	106, 114, 134
RGB Percent	42%, 45%, 53%
CMY	0.5843, 0.5529, 0.4745
CMYK	0.21, 0.15, 0.00, 0.47
HSL	223°, 12%, 47%
HSV	223°, 21%, 53%
XYZ	16.2642, 16.8200, 24.9436
YIQ	113.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

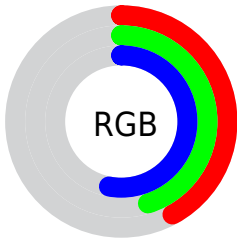
Format	Color
R_{YB}	106, 112, 134
Decimal	6976134
CIE Lab	48.03, 1.59, -11.98
CIE LCh	48, 12.080, 277.548
Yxy	16.8200, 0.2803, 0.2899
Android (android.graphics.Color)	4285166214 (0xFF6A7286)
YUV	113.8880, 9.9152, -6.9178
Hunter-Lab	41.0122, -0.9835, -7.3516

Details

The YUV color **113.8880, 9.9152, -6.9178** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.1120, -9.9152, 6.9178**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0020, 10.3520, -7.0178**, and **65.6600, 9.0416, -6.7178** is the 20% darker color. If you saturate the color by 10%, you get **104.1310, 14.7254, -9.7619**, and if you desaturate by 10%, it is **123.6450, 5.1050, -4.0737**.

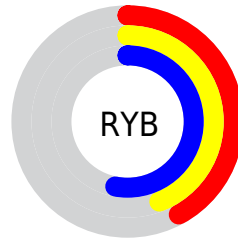
Distribution



Red (42%)

Green (45%)

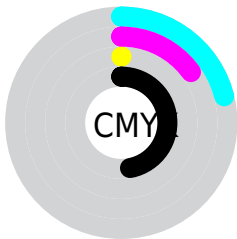
Blue (53%)



Red (42%)

Yellow (44%)

Blue (53%)

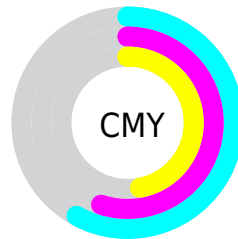


Cyan (21%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8880, 9.9152, -6.9178 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 113.8880, 9.9152, -6.9178 by changing the saturation by 10% instead.

■ 113.8880, 9.9152,
-6.9178

■ 113.8880, 9.9152,
-6.9178

■ 255.0000, 0.0000,
0.0000

■ 89.7740, 9.4784,
-6.8178

■ 166.0020, 10.3520,
-7.0178

■ 65.6600, 9.0416,
-6.7178

■ 193.1160, 10.7888,
-7.1177

■ 43.5460, 8.6048,
-6.6178

■ 220.8170, 10.9362,
-7.7325

■ 23.0190, 7.8786,
-7.0327

■ 247.2920, 3.8000,
-5.5181

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 113.8880, 9.9152,
-6.9178

■ 113.8880, 9.9152,
-6.9178

■ 104.1310, 14.7254,
-9.7619

■ 123.6450, 5.1050,
-4.0737

■ 94.6620, 19.3936,
-13.7356

■ 133.1140, 0.4368,
-0.1000

■ 84.9050, 24.2038,
-16.5797

■ 142.8710, -4.3734,
2.7441

■ 75.4360, 28.8721,
-20.5534

■ 152.3400, -9.0416,
6.7178

■ 65.6790, 33.6823,
-23.3975

■ 162.0970,
-13.8518, 9.5619

■ 56.5090, 38.2031,
-26.7564

■ 171.2670,
-18.3726, 12.9208

■ 46.4530, 43.1607,
-30.2153

■ 181.3230,
-23.3302, 16.3797

■ 37.5820, 47.5341,

■ 191.0800,

-32.9594

-28.1404, 19.2238

■ 200.5490,
-32.8087, 23.1975

Harmonies

Analogous

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



111.8330, 9.9423, -15.6395



113.8880, 9.9152, -6.9178



115.5580, 7.1199, 3.0186

Triad

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



113.8880, 9.9152, -6.9178



115.3890, -6.6008, 17.1988



110.9400, -2.4354, -12.2254

Complementary

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



113.8880, 9.9152, -6.9178



126.1120, -9.9152, 6.9178

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.



112.1430, -6.9725, -3.6334



113.8880, 9.9152, -6.9178



114.5580, -9.6421, 12.6656

Square

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



113.8880, 9.9152, -6.9178



115.9420, -1.9434, 16.7139



113.2150, -9.4730, 5.0734



110.2750, 2.8224, -18.6582

Rectangle

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



113.8880, 9.9152, -6.9178



116.2060, 4.3354, 9.4663



113.2150, -9.4730, 5.0734



111.4950, -4.1880, -10.0811

Sweetspot

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



113.8880, 9.9152, -6.9178



165.9010, 3.4998, -2.5442



124.7160, 0.6330, -16.4139



82.2710, 2.3314, -1.1147



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.8880, 9.9152, -6.9178



141.9460, 15.3096, -10.4766



110.9860, 11.3459, 0.8893



61.8580, 2.0420, -1.6295



36.5390, 46.0763, -32.0447



0.9290, 1.0210, -0.8147

Inverse Universe

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



115.2840, -0.6330, 16.4139



144.2250, -1.0969, 25.2357



129.0140, -11.3459, -0.8893



62.0220, -0.0108, 3.4887



43.0880, -3.0014, 76.2218



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 113.8880, 9.9152, -6.9178 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 113.8880, 9.9152, -6.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

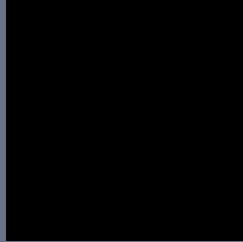
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

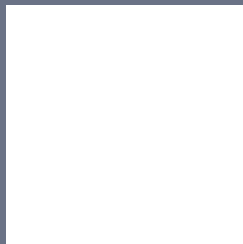
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.8880, 9.9152, -6.9178

Background



This preview shows how black text looks on a background with the YUV color 113.8880, 9.9152, -6.9178.



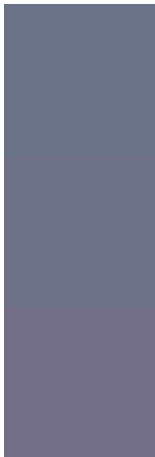
This preview shows how white text looks on a background with the YUV color 113.8880, 9.9152,

-6.9178.

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

113.8880, 9.9152, -6.9178

Protanopia

114.3830, 9.1782, -3.8439

Deuteranopia

114.9320, 9.8935, 0.0596



Tritanopia

113.4380, 5.7001, -8.2771

Trichromacy



Original Color

113.8880, 9.9152, -6.9178

Protanomaly

114.0840, 9.3256, -4.4587

Deuteranomaly

114.6220, 10.0464, -2.2995

Tritanomaly

113.4920, 7.1524, -7.4475

Monochromacy



Original Color

113.8880, 9.9152, -6.9178

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8880, 9.9152, -6.9178 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(106, 114, 134)` looks like.

```
.text, #text, p{  
    color:rgb(106, 114, 134)  
}
```

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(106, 114, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 114, 134) }
```

Border

The CSS property to change the border of an element to YUV 113.8880, 9.9152, -6.9178 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(106, 114, 134) }
```


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

```
.border{ border-color:rgb(106, 114, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 114, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 114, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 114, 134);  
box-shadow:4px 4px 4px 4px rgb(106, 114,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 113.8880, 9.9152, -6.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 114, 134) }
```

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

```
.background{ background-color: rgb(106,  
114, 134) }
```

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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