

Converting Colors

YUV(126.9800, 6.9119,
-23.6615)

Have a look what the booklet for
YUV(126.9800, 6.9119, -23.6615)
contains.

YUV(126.9800, 6.9119, -23.6615)	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(126.9800, 6.9119,
-23.6615)**

Conversions

Conversions Part 1

Format	Color
Hex	648A8D
RGB	100, 138, 141
RGB Percent	39%, 54%, 55%
CMY	0.6078, 0.4588, 0.4471
CMYK	0.29, 0.02, 0.00, 0.45
HSL	184°, 17%, 47%
HSV	184°, 29%, 55%
XYZ	19.1517, 22.8094, 28.5925
YIQ	126.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

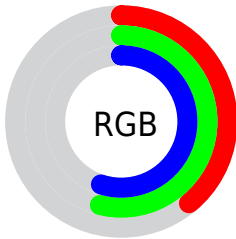
Format	Color
R_{YB}	100, 120, 141
Decimal	6589069
CIE _{Lab}	54.88, -12.37, -5.87
CIE _{LCh}	55, 13.692, 205.409
Yxy	22.8094, 0.2714, 0.3233
Android (android.graphics.Color)	4284779149 (0xFF648A8D)
YUV	126.9800, 6.9119, -23.6615
Hunter-Lab	47.7592, -11.9989, -2.0644

Details

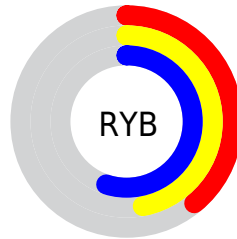
The YUV color `126.9800, 6.9119, -23.6615` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `114.0200, -6.9119, 23.6615`, and the grayscale version is `127.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `179.7950, 7.4961, -24.3762`, and `77.2790, 6.7645, -23.0467` is the 20% darker color. If you saturate the color by 10%, you get `122.2070, 9.2649, -31.7535`, and if you desaturate by 10%, it is `131.7530, 4.5588, -15.5694`.

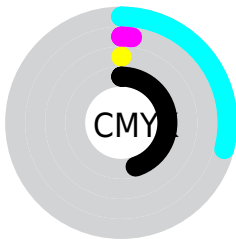
Distribution



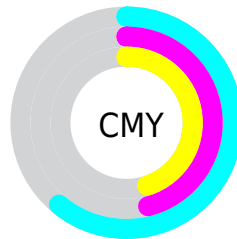
- Red (39%)
- Green (54%)
- Blue (55%)



- Red (39%)
- Yellow (47%)
- Blue (55%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9800, 6.9119, -23.6615 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 126.9800, 6.9119, -23.6615 by changing the saturation by 10% instead.

■ 126.9800, 6.9119,
-23.6615

■ 126.9800, 6.9119,
-23.6615

■ 255.0000, 0.0000,
0.0000

■ 101.8660, 6.4751,
-23.5615

■ 179.7950, 7.4961,
-24.3762

■ 77.2790, 6.7645,
-23.0467

■ 207.3820, 7.2067,
-24.8910

■ 53.9800, 6.9119,
-23.6615

■ 236.0830, 7.3541,
-25.5058

■ 30.0830, 7.3541,
-25.5058

■ 249.3190, 2.8007,
-11.6808

■ 16.3510, 4.2640,
-14.3398

■ 0.0000, 0.0000,
0.0000

■ 126.9800, 6.9119,
-23.6615

■ 126.9800, 6.9119,
-23.6615

■ 122.2070, 9.2649,
-31.7535

■ 131.7530, 4.5588,
-15.5694

■ 117.4340, 11.6180,
-39.8456

■ 136.5260, 2.2057,
-7.4773

■ 112.6610, 13.9711,
-47.9377

■ 141.2990, -0.1474,
0.6148

■ 107.8880, 16.3242,
-56.0298

■ 146.0720, -2.5005,
8.7069

■ 103.1150, 18.6773,
-64.1219

■ 151.1440, -5.0010,
17.4137

■ 98.0430, 21.1778,
-72.8287

■ 155.9170, -7.3541,
25.5058

■ 93.2700, 23.5309,
-80.9208


■ 160.6900, -9.7072,
33.5979

■ 92.9710, 23.6783,

■ 165.4630,

-81.5356

-12.0603, 41.6899

 170.2360,
-14.4133, 49.7820

Harmonies

Analogous

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



127.1070, 0.9332, -19.3878



126.9800, 6.9119, -23.6615



128.0280, 10.8322, -21.0726

Triad

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



126.9800, 6.9119, -23.6615



133.2600, 5.7878, 10.2960



131.3790, -11.5258, 10.1916

Complementary

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



126.9800, 6.9119, -23.6615



114.0200, -6.9119, 23.6615

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.



132.1780, -9.9478, 17.3839



126.9800, 6.9119, -23.6615



133.5230, 0.2352, 17.9583

Square

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



126.9800, 6.9119, -23.6615



132.3340, 10.1883, -1.1699



133.3400, -5.5906, 19.8728



130.0680, -9.8935, -0.0596

Rectangle

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



126.9800, 6.9119, -23.6615



129.4030, 12.1263, -16.1394



133.3400, -5.5906, 19.8728



131.8030, -11.2419, 12.4508

Sweetspot

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



126.9800, 6.9119, -23.6615



177.7430, 3.0847, -9.4216



124.4090, -10.5546, -21.4067



88.4230, 1.7635, -5.6330



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



126.9800, 6.9119, -23.6615



161.6300, 11.0284, -37.3865



115.2400, 12.6997, -13.3655



68.9070, 1.0318, -4.3034



88.7650, 22.7939, -77.8469



5.0210, 1.4686, -4.4034

Inverse Universe

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



116.5910, 10.5546, 21.4067



145.2750, 16.6264, 33.9618



125.7600, -12.6997, 13.3655



66.8910, 2.0257, 3.6036



54.6150, 34.6998, 70.4976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 126.9800, 6.9119, -23.6615 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 126.9800, 6.9119, -23.6615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

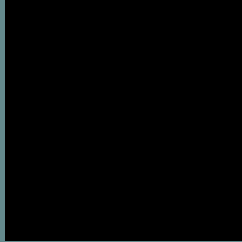
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.9800, 6.9119, -23.6615

Background



This preview shows how black text looks on a background with the YUV color 126.9800, 6.9119, -23.6615.



This preview shows how white text looks on a background with the YUV color 126.9800, 6.9119,

-23.6615.

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

126.9800, 6.9119, -23.6615

Protanopia

131.2820, 2.3260, 0.6297

Deuteranopia

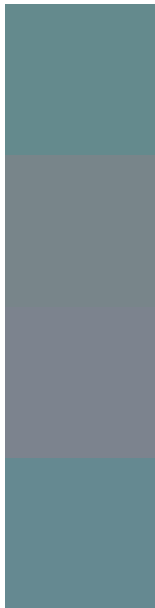
132.1130, 5.3673, 5.1629



Tritanopia

127.7890, 9.9640, -22.6170

Trichromacy



Original Color

126.9800, 6.9119, -23.6615

Protanomaly

129.6830, 4.1003, -8.4920

Deuteranomaly

130.1610, 5.8366, -5.4032

Tritanomaly

127.1480, 8.8010, -22.9318

Monochromacy



Original Color

126.9800, 6.9119, -23.6615

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9280, 2.5005, -8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9800, 6.9119, -23.6615 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(100, 138, 141)` looks like.

```
.text, #text, p{  
    color:rgb(100, 138, 141)  
}
```

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(100, 138, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 138, 141) }
```

Border

The CSS property to change the border of an element to YUV 126.9800, 6.9119, -23.6615 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(100, 138, 141) }
```


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

```
.border{ border-color:rgb(100, 138, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 138, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 138, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 138, 141);  
box-shadow:4px 4px 4px 4px rgb(100, 138,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 126.9800, 6.9119, -23.6615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 138, 141) }
```

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

```
.background{ background-color: rgb(100,  
138, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor