

Converting Colors

YUV(126.1580, 6.8241,
-42.2346)

Have a look what the booklet for
YUV(126.1580, 6.8241, -42.2346)
contains.

YUV(126.1580, 6.8241, -42.2346)	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(126.1580, 6.8241,
-42.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	4E948C
RGB	78, 148, 140
RGB Percent	31%, 58%, 55%
CMY	0.6941, 0.4196, 0.4510
CMYK	0.47, 0.00, 0.05, 0.42
HSL	173°, 31%, 44%
HSV	173°, 47%, 58%
XYZ	18.4654, 24.6930, 28.6039
YIQ	126.1580, -39.1520, -17.3280

Conversions

Conversions Part 2

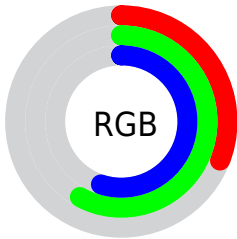
Format	Color
R_{YB}	78, 115, 148
Decimal	5149836
CIE _{Lab}	56.78, -24.10, -2.62
CIE _{LCh}	57, 24.242, 186.197
Yxy	24.6930, 0.2573, 0.3441
Android (android.graphics.Color)	4283339916 (0xFF4E948C)
YUV	126.1580, 6.8241, -42.2346
Hunter-Lab	49.6920, -20.6309, 0.6556

Details

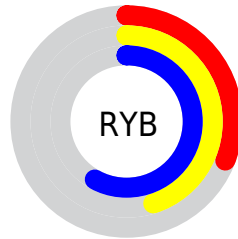
The YUV color **126.1580, 6.8241, -42.2346** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99.8420, -6.8241, 42.2346**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0440, 6.3873, -42.1346**, and **73.1790, 8.2928, -46.6380** is the 20% darker color. If you saturate the color by 10%, you get **121.4450, 8.1616, -51.2563**, and if you desaturate by 10%, it is **130.8710, 5.4866, -33.2129**.

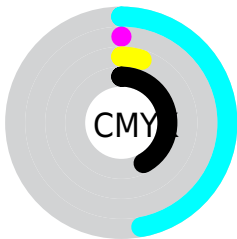
Distribution



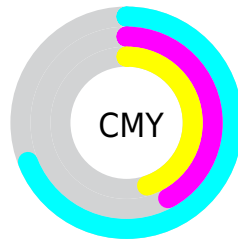
- Red (31%)
- Green (58%)
- Blue (55%)



- Red (31%)
- Yellow (45%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1580, 6.8241, -42.2346 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 126.1580, 6.8241, -42.2346 by changing the saturation by 10% instead.

■ 126.1580, 6.8241,
-42.2346

■ 126.1580, 6.8241,
-42.2346

■ 255.0000, 0.0000,
0.0000

■ 99.9730, 7.4083,
-42.9493

■ 180.0440, 6.3873,
-42.1346

■ 73.1790, 8.2928,
-46.6380

■ 208.3320, 6.2453,
-43.2642

■ 50.4890, 8.1399,
-44.2789

■ 234.0980, 7.8397,
-41.3049

■ 34.4800, 5.1864,
-30.2390

■ 243.3390, 5.7489,
-23.9763

■ 20.3460, 1.8014,
-17.8434

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 126.1580, 6.8241,
-42.2346

■ 126.1580, 6.8241,
-42.2346

■ 121.4450, 8.1616,
-51.2563

■ 130.8710, 5.4866,
-33.2129

■ 116.8460, 9.9359,
-60.3779

■ 135.4700, 3.7123,
-24.0912

■ 112.4320, 11.1260,
-68.7849

■ 139.8840, 2.5222,
-15.6843

■ 107.7190, 12.4635,
-77.8066

■ 144.5970, 1.1847,
-6.6626

■ 103.1200, 14.2378,
-86.9282

■ 149.1960, -0.5896,
2.4591

■ 101.8100, 14.3907,
-89.2874

■ 153.9090, -1.9271,
11.4808

■ 158.6220, -3.2646,
20.5025

■ 163.0360, -4.4547,

28.9094

■ 167.6350, -6.2291,
38.0311

Harmonies

Analogous

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



128.8690, -4.8654, -26.1951



126.1580, 6.8241, -42.2346



125.4590, 17.0287, -48.6375

Triad

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



126.1580, 6.8241, -42.2346



138.4580, 15.5502, 5.7373



136.5290, -18.9948, 25.8461

Complementary

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



126.1580, 6.8241, -42.2346



99.8420, -6.8241, 42.2346

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.



137.8920, -12.7648, 34.2977



126.1580, 6.8241, -42.2346



139.6900, 7.0548, 23.9509

Square

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



126.1580, 6.8241, -42.2346



135.3950, 21.0043, -17.0094



139.4110, -3.1606, 33.8426



134.5010, -19.9670, 10.9616

Rectangle

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



126.1580, 6.8241, -42.2346



128.2300, 21.0856, -43.1747



139.4110, -3.1606, 33.8426



137.0070, -17.2585, 28.9349

Sweetspot

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



126.1580, 6.8241, -42.2346



182.5850, 2.6696, -16.2990



121.4820, -21.4366, -31.1177



91.6890, 1.6323, -10.2513



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



126.1580, 6.8241, -42.2346



157.0410, 10.8258, -65.8110



111.2210, 18.1320, -29.1348



71.7930, 0.5951, -4.2035



94.9140, 13.3534, -83.2396



6.8960, 1.0373, -6.0478

Inverse Universe

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



99.8420, -6.8241, 42.2346



116.0730, -10.3890, 65.7110



114.7790, -18.1320, 29.1348



69.0930, -1.0318, 4.3034



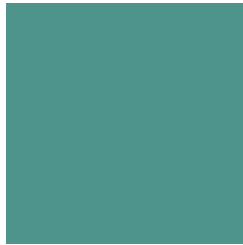
43.0860, -13.3534, 83.2396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 126.1580, 6.8241, -42.2346 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 126.1580, 6.8241, -42.2346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

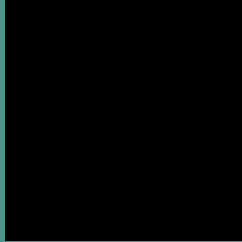
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.1580, 6.8241, -42.2346

Background



This preview shows how black text looks on a background with the YUV color 126.1580, 6.8241, -42.2346.



This preview shows how white text looks on a background with the YUV color 126.1580, 6.8241,

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

126.1580, 6.8241, -42.2346

Protanopia

135.8540, -1.9000, 2.7590

Deuteranopia

137.2550, 3.3253, 6.7924



Tritanopia

127.8300, 14.3808, -39.3159

Trichromacy



Original Color

126.1580, 6.8241, -42.2346

Protanomaly

132.5530, 1.2064, -13.6400

Deuteranomaly

133.4870, 4.6899, -10.9511

Tritanomaly

127.1350, 11.7654, -40.4604

Monochromacy



Original Color

126.1580, 6.8241, -42.2346

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1830, 2.3748, -15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1580, 6.8241, -42.2346 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(78, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(78, 148, 140)  
}
```

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(78, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 148, 140) }
```

Border

The CSS property to change the border of an element to YUV 126.1580, 6.8241, -42.2346 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(78, 148, 140) }
```


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

```
.border{ border-color:rgb(78, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(78, 148,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 126.1580, 6.8241, -42.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 148, 140) }
```

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

```
.background{ background-color: rgb(78, 148,  
140) }
```

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