

Converting Colors

YUV(110.9480, 1.9976,
-34.1574)

Have a look what the booklet for
YUV(110.9480, 1.9976, -34.1574)
contains.

YUV(110.9480, 1.9976, -34.1574)	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(110.9480, 1.9976,
-34.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	488273
RGB	72, 130, 115
RGB Percent	28%, 51%, 45%
CMY	0.7176, 0.4902, 0.5490
CMYK	0.45, 0.00, 0.12, 0.49
HSL	164°, 29%, 40%
HSV	164°, 45%, 51%
XYZ	13.7496, 18.5808, 19.0814
YIQ	110.9480, -29.7530, -16.9610

Conversions

Conversions Part 2

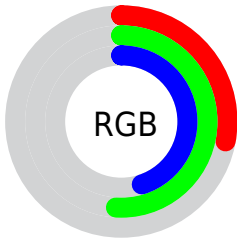
Format	Color
RYB	72, 105, 130
Decimal	4751987
CIELab	50.19, -22.84, 2.20
CIElCh	50, 22.946, 174.487
Yxy	18.5808, 0.2674, 0.3614
Android (android.graphics.Color)	4282942067 (0xFF488273)
YUV	110.9480, 1.9976, -34.1574
Hunter-Lab	43.1054, -18.4972, 3.9280

Details

The YUV color **110.9480, 1.9976, -34.1574** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **91.0520, -1.9976, 34.1574**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5350, 1.7082, -34.6722**, and **60.2790, 3.3135, -36.2017** is the 20% darker color. If you saturate the color by 10%, you get **106.7190, 2.6035, -41.8496**, and if you desaturate by 10%, it is **115.1770, 1.3917, -26.4652**.

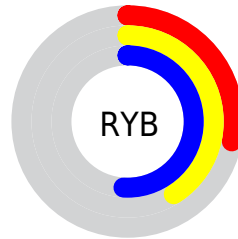
Distribution



Red (28%)

Green (51%)

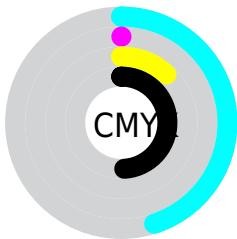
Blue (45%)



Red (28%)

Yellow (41%)

Blue (51%)

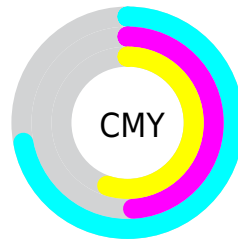


Cyan (45%)

Magenta (0%)

Yellow (12%)

Black (49%)



Cyan (72%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9480, 1.9976, -34.1574 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 110.9480, 1.9976, -34.1574 by changing the saturation by 10% instead.

■ 110.9480, 1.9976,
-34.1574

■ 110.9480, 1.9976,
-34.1574

■ 255.0000, 0.0000,
0.0000

■ 85.6490, 2.1450,
-34.7722

■ 163.5350, 1.7082,
-34.6722

■ 60.2790, 3.3135,
-36.2017

■ 191.1220, 1.4189,
-35.1870

■ 38.5890, 3.1606,
-33.8426

■ 218.8230, 1.5663,
-35.8018

■ 23.2810, 0.3545,
-20.4174

■ 239.7790, 5.0390,
-29.6242

■ 0.5870, -0.2894,
-0.5148

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 110.9480, 1.9976,
-34.1574

■ 110.9480, 1.9976,
-34.1574

■ 106.7190, 2.6035,
-41.8496

■ 115.1770, 1.3917,
-26.4652

■ 102.3760, 2.7726,
-49.4418

■ 119.5200, 1.2226,
-18.8730

■ 98.1470, 3.3785,
-57.1339

■ 123.7490, 0.6167,
-11.1809

■ 93.9180, 3.9844,
-64.8261

■ 127.9780, 0.0108,
-3.4887

■ 89.5750, 4.1535,
-72.4183

■ 132.3210, -0.1583,
4.1035

■ 87.2540, 4.3118,
-76.5218

■ 136.5500, -0.7642,
11.7956

■ 140.8930, -0.9332,
19.3878

■ 145.1220, -1.5391,

27.0800

■ 149.3510, -2.1450,
34.7722

Harmonies

Analogous

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



114.1860, -8.9657, -17.7031



110.9480, 1.9976, -34.1574



109.0420, 12.7973, -44.7638

Triad

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



110.9480, 1.9976, -34.1574



120.7450, 16.8877, -3.2844



119.7510, -15.6532, 27.4054

Complementary

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



110.9480, 1.9976, -34.1574



91.0520, -1.9976, 34.1574

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.



121.3200, -8.5388, 32.1684



110.9480, 1.9976, -34.1574



122.3300, 9.6973, 16.3736

Square

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



110.9480, 1.9976, -34.1574



116.2370, 20.5892, -23.8868



122.1160, 0.9288, 28.8393



118.8760, -18.6729, 15.8947

Rectangle

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



110.9480, 1.9976, -34.1574



110.0080, 17.7441, -44.7340



122.1160, 0.9288, 28.8393



120.9300, -13.7695, 29.8794

Sweetspot

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



110.9480, 1.9976, -34.1574



160.8520, 1.0590, -13.0252



110.5310, -18.9958, -20.6367



79.7710, 0.6059, -7.6922



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.



110.9480, 1.9976, -34.1574



138.1690, 3.3677, -53.6452



104.4400, 12.6011, -28.4499



61.6790, 0.1583, -4.1035



85.9660, 4.4538, -75.3922



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.0520, -1.9976, 34.1574



106.9450, -2.9309, 53.5452



97.5600, -12.6011, 28.4499



59.3210, -0.1583, 4.1035



42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 110.9480, 1.9976, -34.1574 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 110.9480, 1.9976, -34.1574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

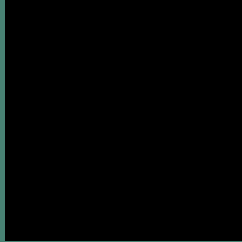
Any Text WCAG AA ✓ Pass

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 110.9480, 1.9976, -34.1574 Background



This preview shows how black text looks on a background with the YUV color 110.9480, 1.9976, -34.1574.



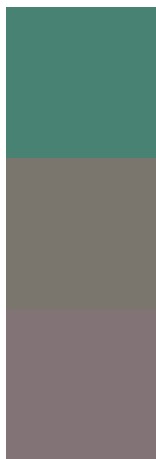
This preview shows how white text looks on a background with the YUV color 110.9480, 1.9976, -34.1574.

-34.1574.

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

110.9480, 1.9976, -34.1574

Protanopia

118.4690, -4.6682, 3.9737

Deuteranopia

119.8270, -0.9007, 8.9217



Tritanopia

113.4890, 11.5909, -31.1239

Trichromacy



Original Color

110.9480, 1.9976, -34.1574

Protanomaly

115.3640, -2.1515, -9.9662

Deuteranomaly

116.3690, 0.3111, -6.4626

Tritanomaly

112.5660, 8.1020, -32.0684

Monochromacy



Original Color

110.9480, 1.9976, -34.1574

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0370, 0.4748, -12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9480, 1.9976, -34.1574 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(72, 130, 115)` looks like.

```
.text, #text, p{  
    color:rgb(72, 130, 115)  
}
```

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(72, 130, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 130, 115) }
```

Border

The CSS property to change the border of an element to YUV 110.9480, 1.9976, -34.1574 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(72, 130, 115) }
```


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

```
.border{ border-color:rgb(72, 130, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 130, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 130, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 130, 115);  
box-shadow:4px 4px 4px 4px rgb(72, 130,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 110.9480, 1.9976, -34.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 130, 115) }
```

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

```
.background{ background-color: rgb(72, 130,  
115) }
```

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