

Converting Colors

YUV(146.4820, 12.0874,
-50.4117)

Have a look what the booklet for
YUV(146.4820, 12.0874, -50.4117)
contains.

YUV(146.4820, 12.0874, -50.4117)	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(146.4820, 12.0874,
-50.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	59ABAB
RGB	89, 171, 171
RGB Percent	35%, 67%, 67%
CMY	0.6510, 0.3294, 0.3294
CMYK	0.48, 0.00, 0.00, 0.33
HSL	180°, 33%, 51%
HSV	180°, 48%, 67%
XYZ	26.0334, 34.1899, 43.7553
YIQ	146.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

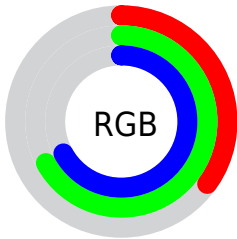
Format	Color
RYB	89, 130, 171
Decimal	5876651
CIELab	65.11, -24.91, -7.74
CIELCh	65, 26.086, 197.257
Yxy	34.1899, 0.2504, 0.3288
Android (android.graphics.Color)	4284066731 (0xFF59ABAB)
YUV	146.4820, 12.0874, -50.4117
Hunter-Lab	58.4722, -22.8532, -3.4368

Details

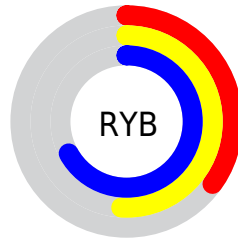
The YUV color **146.4820, 12.0874, -50.4117** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **113.5180, -12.0874, 50.4117**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3680, 11.6506, -50.3117**, and **91.2040, 13.7034, -55.4299** is the 20% darker color. If you saturate the color by 10%, you get **141.3990, 14.5933, -60.8629**, and if you desaturate by 10%, it is **151.5650, 9.5815, -39.9605**.

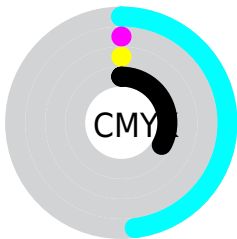
Distribution



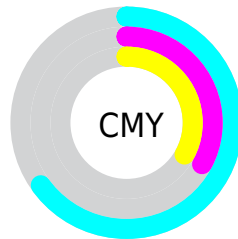
- Red (35%)
- Green (67%)
- Blue (67%)



- Red (35%)
- Yellow (51%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.4820, 12.0874, -50.4117 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 146.4820, 12.0874, -50.4117 by changing the saturation by 10% instead.

■ 146.4820, 12.0874,
-50.4117

■ 146.4820, 12.0874,
-50.4117

■ 255.0000, 0.0000,
0.0000

■ 118.9980, 12.8190,
-51.7412

■ 202.3680, 11.6506,
-50.3117

■ 91.2040, 13.7034,
-55.4299

■ 230.4820, 12.0874,
-50.4117

■ 65.3070, 14.1456,
-57.2742

■ 239.1530, 7.8126,
-32.5832

■ 48.5970, 11.0447,
-42.6196

■ 247.8240, 3.5378,
-14.7546

■ 33.0610, 7.3649,
-28.9945

■ 18.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,

0.0000

■ 146.4820, 12.0874,
-50.4117

■ 146.4820, 12.0874,
-50.4117

■ 141.3990, 14.5933,
-60.8629

■ 151.5650, 9.5815,
-39.9605

■ 136.3160, 17.0992,
-71.3141

■ 156.6480, 7.0755,
-29.5093

■ 131.2330, 19.6051,
-81.7653

■ 161.7310, 4.5696,
-19.0581

■ 126.1500, 22.1111,
-92.2165

■ 166.8140, 2.0637,
-8.6069

■ 121.0670, 24.6170,
-102.6678

■ 171.8970, -0.4422,
1.8443

■ 119.8710, 25.2066,
-105.1269

■ 177.2790, -3.0955,
12.9103

■ 182.3620, -5.6015,
23.3615

■ 187.4450, -8.1074,
33.8127

■ 192.5280,
-10.6133, 44.2639

Harmonies

Analogous

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



148.8400, -0.9071, -35.8167



146.4820, 12.0874, -50.4117



148.0010, 21.6915, -50.8669

Triad

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



146.4820, 12.0874, -50.4117



161.1710, 14.2127, 14.7590



157.7090, -22.0415, 23.0572

Complementary

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



146.4820, 12.0874, -50.4117



113.5180, -12.0874, 50.4117

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.



159.7520, -17.1327, 35.2975



146.4820, 12.0874, -50.4117



161.8220, 3.5388, 31.7281

Square

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



146.4820, 12.0874, -50.4117



158.8520, 21.2720, -9.5172



160.5920, -7.6869, 38.9458



155.5280, -20.9663, 4.7989

Rectangle

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



146.4820, 12.0874, -50.4117



151.0500, 24.1323, -40.3859



160.5920, -7.6869, 38.9458



158.0840, -20.7474, 27.9903

Sweetspot

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



146.4820, 12.0874, -50.4117



212.7310, 4.5696, -19.0581



137.1340, -23.7301, -42.2135



106.3190, 2.8007, -11.6808



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.4820, 12.0874, -50.4117



183.4290, 19.0155, -79.3062



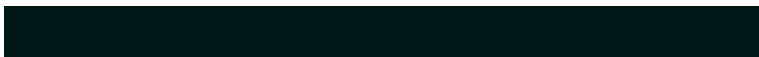
122.4150, 23.9524, -29.3050



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Inverse Universe

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



122.8660, 23.7301, 42.2135



146.2770, 37.3314, 66.4091



137.5850, -23.9524, 29.3050



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 146.4820, 12.0874, -50.4117 looks on a white background.

Color Contrast Check

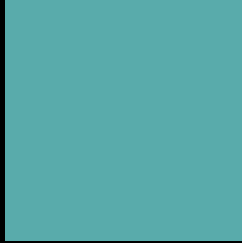
Large Text (above 18pt) WCAG AA × Fail

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 146.4820, 12.0874, -50.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

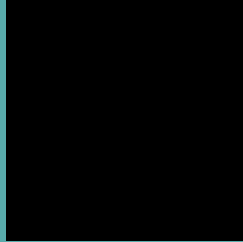
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.4820, 12.0874, -50.4117

Background



This preview shows how black text looks on a background with the YUV color 146.4820, 12.0874, -50.4117.

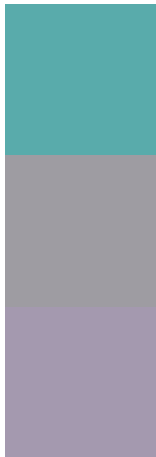


This preview shows how white text looks on a background with the YUV color 146.4820, 12.0874, -50.4117.

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

146.4820, 12.0874, -50.4117

Protanopia

157.2820, 2.3260, 0.6297

Deuteranopia

158.7970, 7.9881, 4.5630



Tritanopia

147.8720, 17.3181, -48.1227

Trichromacy



Original Color

146.4820, 12.0874, -50.4117

Protanomaly

153.0840, 5.8746, -17.6137

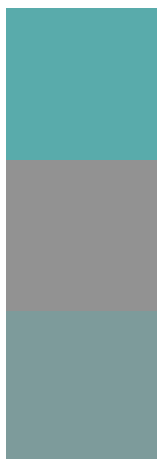
Deuteranomaly

154.7190, 9.5055, -15.5396

Tritanomaly

147.7040, 15.4289, -48.8524

Monochromacy



Original Color

146.4820, 12.0874, -50.4117

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.4820, 12.0874, -50.4117 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(89, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(89, 171, 171)  
}
```

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(89, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 171, 171) }
```

Border

The CSS property to change the border of an element to YUV 146.4820, 12.0874, -50.4117 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(89, 171, 171) }
```


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

```
.border{ border-color:rgb(89, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(89, 171,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 146.4820, 12.0874, -50.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 171, 171) }
```

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

```
.background{ background-color: rgb(89, 171,  
171) }
```

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