

Converting Colors

YUV(133.3780, -3.6374,
-46.8125)

Have a look what the booklet for
YUV(133.3780, -3.6374, -46.8125)
contains.

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Color

**YUV(133.3780, -3.6374,
-46.8125)**

Conversions

Conversions Part 1

Format	Color
Hex	50A27E
RGB	80, 162, 126
RGB Percent	31%, 64%, 49%
CMY	0.6863, 0.3647, 0.5059
CMYK	0.51, 0.00, 0.22, 0.36
HSL	154°, 34%, 47%
HSV	154°, 51%, 64%
XYZ	19.9945, 29.0525, 24.2925
YIQ	133.3780, -37.3160, -28.5800

Conversions

Conversions Part 2

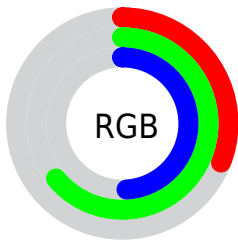
Format	Color
RYB	80, 133, 162
Decimal	5284478
CIELab	60.83, -33.79, 11.16
CIELCh	61, 35.582, 161.721
Yxy	29.0525, 0.2726, 0.3961
Android (android.graphics.Color)	4283474558 (0xFF50A27E)
YUV	133.3780, -3.6374, -46.8125
Hunter-Lab	53.9004, -28.1106, 11.0086

Details

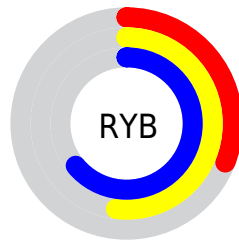
The YUV color **133.3780, -3.6374, -46.8125** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **108.6220, 3.6374, 46.8125**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8510, -4.3635, -47.2273**, and **79.3280, -1.1477, -52.0307** is the 20% darker color. If you saturate the color by 10%, you get **127.7960, -4.3364, -55.9491**, and if you desaturate by 10%, it is **138.9600, -2.9383, -37.6759**.

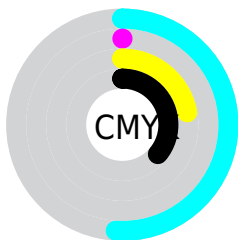
Distribution



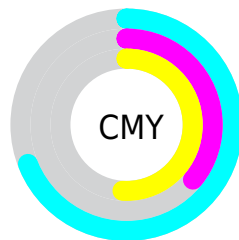
- Red (31%)
- Green (64%)
- Blue (49%)



- Red (31%)
- Yellow (52%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3780, -3.6374, -46.8125 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 133.3780, -3.6374, -46.8125 by changing the saturation by 10% instead.

■ 133.3780, -3.6374,
-46.8125

■ 133.3780, -3.6374,
-46.8125

■ 255.0000, 0.0000,
0.0000

■ 106.3070, -2.6164,
-47.6272

■ 187.8510, -4.3635,
-47.2273

■ 79.3280, -1.1477,
-52.0307

■ 216.3240, -5.0897,
-47.6421

■ 56.0510, -1.0111,
-49.1567

■ 233.1710, 0.4087,
-37.8610

■ 39.5690, -3.2385,
-34.7020

■ 244.2360, 5.3067,
-22.1320

■ 24.1470, -6.4815,
-21.1769

■ 252.9070, 1.0318,
-4.3034

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,

0.0000

■ 133.3780, -3.6374,
-46.8125

■ 133.3780, -3.6374,
-46.8125

■ 127.7960, -4.3364,
-55.9491

■ 138.9600, -2.9383,
-37.6759

■ 122.2140, -5.0355,
-65.0857

■ 144.5420, -2.2392,
-28.5393

■ 116.3330, -5.5872,
-74.8370

■ 150.4230, -1.6875,
-18.7880

■ 110.7510, -6.2862,
-83.9736

■ 156.0050, -0.9885,
-9.6514

■ 105.4680, -7.1327,
-92.4954

■ 161.7010, 0.1474,
-0.6148

■ 167.2830, 0.8465,
8.5218

■ 172.8650, 1.5456,
17.6584

■ 178.7460, 2.0972,
27.4098

■ 184.3280, 2.7963,
36.5463

Harmonies

Analogous

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



139.3250, -19.8802, -16.9480



133.3780, -3.6374, -46.8125



121.1680, 18.1582, -84.3393

Triad

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



133.3780, -3.6374, -46.8125



145.5930, 30.7667, -21.5681



147.9170, -20.6651, 48.3078

Complementary

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



133.3780, -3.6374, -46.8125



108.6220, 3.6374, 46.8125

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.



149.1960, -6.9986, 51.5711



133.3780, -3.6374, -46.8125



150.4080, 21.4909, 13.6742

Square

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



133.3780, -3.6374, -46.8125



133.3060, 35.8381, -61.6584



151.0170, 7.8796, 39.4501



145.9400, -29.0574, 33.3786

Rectangle

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



133.3780, -3.6374, -46.8125



116.0870, 31.0161, -101.8083



151.0170, 7.8796, 39.4501



148.0790, -16.3079, 50.7967

Sweetspot

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



133.3780, -3.6374, -46.8125



200.8360, -1.3981, -18.2732



139.1970, -29.1841, -19.4668



100.4070, -0.6937, -10.8809



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



133.3780, -3.6374, -46.8125



166.9310, -5.8820, -73.6075



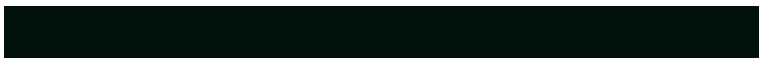
135.1340, 13.2449, -48.3525



78.8530, -0.4205, -5.1331



94.4630, -6.1443, -82.8441



11.7060, -0.8411, -10.2662

Inverse Universe

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



108.6220, 3.6374, 46.8125



127.9550, 5.4452, 73.7075



106.8660, -13.2449, 48.3525



76.1470, 0.4205, 5.1331



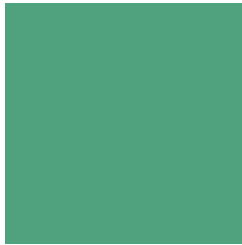
50.6510, 6.5811, 82.7441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 133.3780, -3.6374, -46.8125 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 133.3780, -3.6374, -46.8125 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 133.3780, -3.6374, -46.8125

Background



This preview shows how black text looks on a background with the YUV color 133.3780, -3.6374, -46.8125.



This preview shows how white text looks on a background with the YUV color 133.3780, -3.6374,

-46.8125.

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

133.3780, -3.6374, -46.8125

Protanopia

145.4990, -13.5570, 8.3324

Deuteranopia

147.3350, -8.0532, 16.3692



Tritanopia

138.3460, 15.1124, -40.6454

Trichromacy



Original Color

133.3780, -3.6374, -46.8125

Protanomaly

141.2900, -10.0030, -11.6553

Deuteranomaly

142.5340, -6.6723, -6.6073

Tritanomaly

136.5000, 8.1345, -42.5345

Monochromacy



Original Color

133.3780, -3.6374, -46.8125

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.4340, -1.6930, -17.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3780, -3.6374, -46.8125 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(80, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(80, 162, 126)  
}
```

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(80, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 162, 126) }
```

Border

The CSS property to change the border of an element to YUV 133.3780, -3.6374, -46.8125 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(80, 162, 126) }
```


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

```
.border{ border-color:rgb(80, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(80, 162,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 133.3780, -3.6374, -46.8125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 162, 126) }
```

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

```
.background{ background-color: rgb(80, 162,  
126) }
```

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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