

Converting Colors

YUV(146.3380, 3.7774,
-45.0234)

Have a look what the booklet for
YUV(146.3380, 3.7774, -45.0234)
contains.

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Color

**YUV(146.3380, 3.7774,
-45.0234)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAB9A
RGB	95, 171, 154
RGB Percent	37%, 67%, 60%
CMY	0.6275, 0.3294, 0.3961
CMYK	0.44, 0.00, 0.10, 0.33
HSL	167°, 31%, 52%
HSV	167°, 44%, 67%
XYZ	25.1150, 33.8918, 35.7899
YIQ	146.3380, -39.8390, -21.3990

Conversions

Conversions Part 2

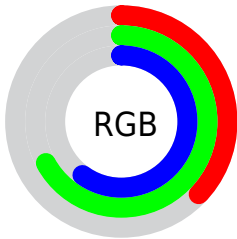
Format	Color
RYB	95, 138, 171
Decimal	6269850
CIELab	64.88, -27.76, 1.42
CIELCh	65, 27.793, 177.080
Yxy	33.8918, 0.2649, 0.3575
Android (android.graphics.Color)	4284459930 (0xFF5FAB9A)
YUV	146.3380, 3.7774, -45.0234
Hunter-Lab	58.2167, -24.8734, 4.3019

Details

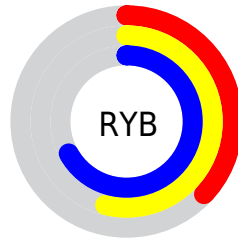
The YUV color **146.3380, 3.7774, -45.0234** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **119.6620, -3.7774, 45.0234**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5120, 3.1986, -46.0530**, and **92.9680, 4.9458, -46.4529** is the 20% darker color. If you saturate the color by 10%, you get **140.7990, 4.5361, -55.0747**, and if you desaturate by 10%, it is **151.8770, 3.0186, -34.9721**.

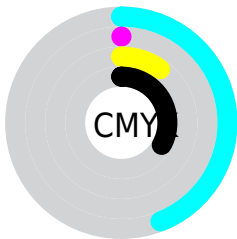
Distribution



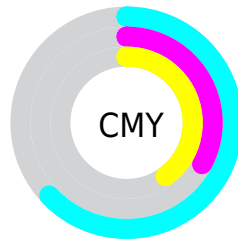
- Red (37%)
- Green (67%)
- Blue (60%)



- Red (37%)
- Yellow (54%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (10%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3380, 3.7774, -45.0234 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 146.3380, 3.7774, -45.0234 by changing the saturation by 10% instead.

■ 146.3380, 3.7774,
-45.0234

■ 146.3380, 3.7774,
-45.0234

■ 255.0000, 0.0000,
0.0000

■ 119.4520, 4.2142,
-45.1234

■ 201.5120, 3.1986,
-46.0530

■ 92.9680, 4.9458,
-46.4529

■ 229.6260, 3.6354,
-46.1530

■ 63.5970, 7.5937,
-55.7746

■ 240.3490, 7.2229,
-30.1241

■ 46.8870, 4.4927,
-41.1199

■ 249.0200, 2.9481,
-12.2955

■ 30.9920, 1.9759,
-27.1800

■ 16.7440, -1.8458,
-14.6845

■ 0.0000, 0.0000,

0.0000

■ 146.3380, 3.7774,
-45.0234

■ 146.3380, 3.7774,
-45.0234

■ 140.7990, 4.5361,
-55.0747

■ 151.8770, 3.0186,
-34.9721

■ 135.2600, 5.2948,
-65.1260

■ 157.4160, 2.2599,
-24.9208

■ 129.8350, 6.4903,
-75.2773

■ 162.8410, 1.0644,
-14.7696

■ 124.2960, 7.2491,
-85.3286

■ 168.3800, 0.3057,
-4.7183

■ 118.7570, 8.0078,
-95.3799

■ 173.9190, -0.4531,
5.3330

■ 115.5390, 8.6083,
-101.3277

■ 179.7570, -1.3592,
15.9991

■ 185.2960, -2.1179,
26.0504

■ 190.8350, -2.8767,
36.1017

■ 196.2600, -4.0722,
46.2530

Harmonies

Analogous

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



150.2130, -9.9650, -23.8658



146.3380, 3.7774, -45.0234



144.4040, 17.0558, -57.3593

Triad

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



146.3380, 3.7774, -45.0234



159.4940, 20.9555, -1.3102



158.5300, -20.4743, 33.7382

Complementary

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



146.3380, 3.7774, -45.0234



119.6620, -3.7774, 45.0234

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.



159.5770, -11.6235, 41.5900



146.3380, 3.7774, -45.0234



161.5310, 11.5702, 22.3363

Square

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



146.3380, 3.7774, -45.0234



153.9960, 26.1310, -28.0605



160.9430, 0.0281, 37.7610



156.2200, -23.7725, 18.2241

Rectangle

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



146.3380, 3.7774, -45.0234



145.7230, 23.3076, -55.8851



160.9430, 0.0281, 37.7610



158.8340, -18.1592, 37.8566

Sweetspot

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



146.3380, 3.7774, -45.0234



212.5310, 1.2172, -17.1287



144.9940, -24.6470, -28.0587



106.1620, 0.9061, -10.6661



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.



146.3380, 3.7774, -45.0234



183.7540, 6.0373, -69.9443



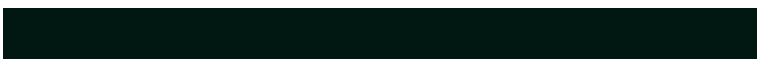
136.5360, 16.9908, -36.4271



84.0810, 0.4531, -5.3330



101.3880, 7.6967, -88.9173



15.5530, 1.2064, -13.6400

Inverse Universe

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



119.6620, -3.7774, 45.0234



142.3600, -5.6005, 69.8443



129.4640, -16.9908, 36.4271



80.9190, -0.4531, 5.3330



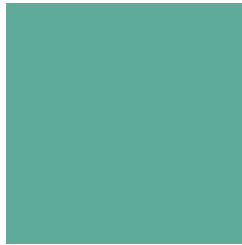
48.7260, -7.2599, 88.8173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 146.3380, 3.7774, -45.0234 looks on a white background.

Color Contrast Check

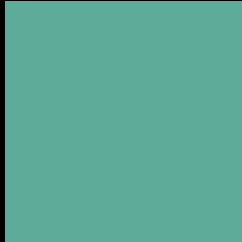
Large Text (above 18pt) WCAG AA × Fail

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 146.3380, 3.7774, -45.0234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

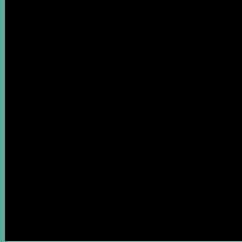
Any Text WCAG AA ✓ Pass

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 146.3380, 3.7774, -45.0234 Background



This preview shows how black text looks on a background with the YUV color 146.3380, 3.7774, -45.0234.



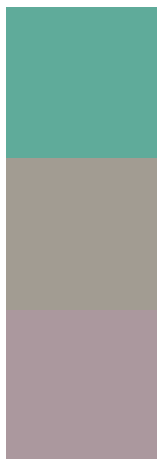
This preview shows how white text looks on a background with the YUV color 146.3380, 3.7774,

-45.0234.

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

146.3380, 3.7774, -45.0234

Protanopia

156.6540, -5.2524, 4.6884

Deuteranopia

158.3650, -0.1799, 11.0809



Tritanopia

149.1610, 15.6966, -41.3602

Trichromacy



Original Color

146.3380, 3.7774, -45.0234

Protanomaly

152.7550, -1.8512, -12.9401

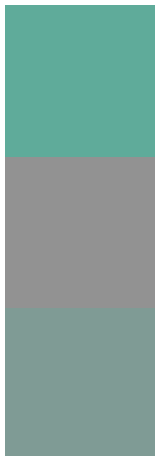
Deuteranomaly

153.9880, 1.4849, -9.6365

Tritanomaly

147.7110, 11.4815, -42.7195

Monochromacy



Original Color

146.3380, 3.7774, -45.0234

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9440, 1.5066, -16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3380, 3.7774, -45.0234 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(95, 171, 154)` looks like.

```
.text, #text, p{  
    color:rgb(95, 171, 154)  
}
```

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(95, 171, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 171, 154) }
```

Border

The CSS property to change the border of an element to YUV 146.3380, 3.7774, -45.0234 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(95, 171, 154) }
```


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

```
.border{ border-color:rgb(95, 171, 154) }
```

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

Here you see how a box with a 4 pixel rgb(95, 171, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 171, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 171, 154);  
box-shadow:4px 4px 4px 4px rgb(95, 171,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 146.3380, 3.7774, -45.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 171, 154) }
```

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

```
.background{ background-color: rgb(95, 171,  
154) }
```

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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