

Converting Colors

YIQ(186.7500, -66.4680,
-72.9640)

Have a look what the booklet for
YIQ(186.7500, -66.4680, -72.9640)
contains.

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Color

**YIQ(186.7500, -66.4680,
-72.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	4EFC88
RGB	78, 252, 136
RGB Percent	31%, 99%, 53%
CMY	0.6946, 0.0115, 0.4668
CMYK	0.69, 0.00, 0.46, 0.01
HSL	140°, 97%, 65%
HSV	140°, 69%, 99%
XYZ	42.4058, 73.0573, 35.1425
YIQ	186.7500, -66.4680, -72.9640

Conversions

Conversions Part 2

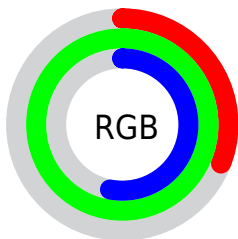
Format	Color
R_{YB}	78, 209, 252
Decimal	5176456
CIE _{Lab}	88.48, -68.26, 42.94
CIE _{LCh}	88, 80.645, 147.829
Yxy	73.0573, 0.2816, 0.4851
Android (android.graphics.Color)	4283366536 (0xFF4EFC88)
YUV	186.7500, -25.0197, -95.3737
Hunter-Lab	85.4736, -61.0200, 35.4544

Details

The YIQ color **186.7500, -66.4680, -72.9640** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **143.2500, 66.4680, 72.9640**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.1130, -44.4200, -43.0120**, and **123.4540, -80.3140, -75.3380** is the 20% darker color. If you saturate the color by 10%, you get **177.3370, -75.9110, -83.5510**, and if you desaturate by 10%, it is **196.1630, -57.0250, -62.3770**.

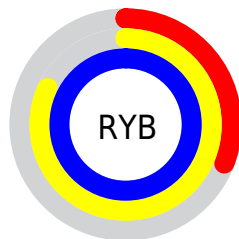
Distribution



Red (31%)

Green (99%)

Blue (53%)



Red (31%)

Yellow (82%)

Blue (99%)

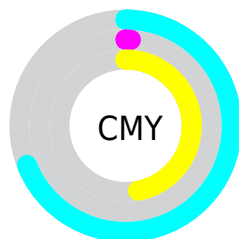


Cyan (69%)

Magenta (0%)

Yellow (46%)

Black (1%)



Cyan (69%)

Magenta (1%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.7500, -66.4680, -72.9640 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 YIQ color 186.7500, -66.4680, -72.9640 by changing the saturation by 10% instead.

186.7500,
-66.4680, -72.9640

186.7500,
-66.4680, -72.9640

255.0000, -0.0000,
-0.0000

152.1120,
-79.3510, -76.2710

215.1130,
-44.4200, -43.0120

123.4540,
-80.3140, -75.3380

227.8730,
-34.3360, -27.5200

104.0540,
-64.2680, -68.7800

240.4480,
-25.1690, -11.9290

84.6540, -48.2220,
-62.2220


250.5150, -8.9400,
-3.1800


65.7440, -30.8000,
-58.5760


50.4820, -23.6500,
-44.9780


35.8070, -16.7750,


-31.9030


 21.1320, -9.9000,
-18.8280


 0.0000, 0.0000,
0.0000


 186.7500,
-66.4680, -72.9640


 186.7500,
-66.4680, -72.9640


 177.3370,
-75.9110, -83.5510


 196.1630,
-57.0250, -62.3770


 167.6250,
-85.9500, -94.3500

 205.5760,
-47.5820, -51.7900

 158.3260,
-95.7140, -104.6260

 215.1740,
-37.2220, -41.3020

 157.5000,
-96.2640, -105.6720

 224.5870,
-27.7790, -30.7150

■ 234.0000,
-18.3360, -20.1280

■ 243.4130, -8.8930,
-9.5410

■ 252.8260, 0.5500,
1.0460

■ 253.2390, 0.8250,
1.5690

Harmonies

Analogous

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



205.7240, 24.6780, -61.8020



186.7500, -66.4680, -72.9640



174.0810, -138.8190, -66.8110

Triad

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



186.7500, -66.4680, -72.9640



165.8410, -145.9300, -42.5540



186.6610, 58.7750, 19.6310

Complementary

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



186.7500, -66.4680, -72.9640



143.2500, 66.4680, 72.9640

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.



190.0420, 36.8540, 47.9740



186.7500, -66.4680, -72.9640



212.2060, -11.6030, 17.5570

Square

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



186.7500, -66.4680, -72.9640



175.8200, -150.6050, -51.4450



205.6920, 23.1000, 43.9320



196.2740, 71.6650, -15.7510

Rectangle

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



186.7500, -66.4680, -72.9640



178.7550, -151.9800, -54.0600



205.6920, 23.1000, 43.9320



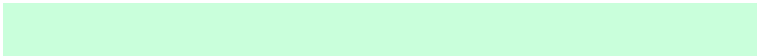
185.8750, 52.7210, 30.2330

Sweetspot

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



186.7500, -66.4680, -72.9640



234.7500, -20.6280, -22.6440



214.8220, 21.2860, -66.4100



115.9240, -12.0100, -13.6260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



186.7500, -66.4680, -72.9640



175.5380, -81.0910, -88.7950



196.6680, -94.3950, -45.9070



120.2010, -5.1800, -5.2440



118.1250, -72.1980, -79.2540



38.0870, -23.1950, -25.6830

Inverse Universe

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



143.2500, 66.4680, 72.9640



122.4620, 81.0910, 88.7950



133.3320, 94.3950, 45.9070



116.9130, 4.8590, 5.5550



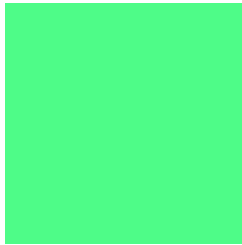
70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 186.7500, -66.4680, -72.9640 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 YIQ color 186.7500, -66.4680, -72.9640 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](#).

YIQ 186.7500, -66.4680, -72.9640 Background



This preview shows how black text looks on a background with the YIQ color 186.7500, -66.4680, -72.9640.



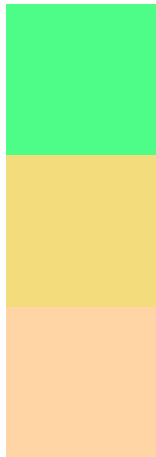
This preview shows how white text looks on a background with the YIQ color 186.7500, -66.4680, -72.9640.

-72.9640.

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

186.7500, -66.4680, -72.9640

Protanopia

215.6340, 43.9280, -25.1920

Deuteranopia

220.2000, 40.1190, -5.7130



Tritanopia

207.0590, -69.5500, -17.0860

Trichromacy



Original Color

186.7500, -66.4680, -72.9640



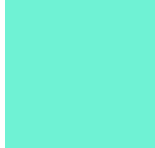
Protanomaly

205.1940, 3.5840, -42.9440



Deuteranomaly

208.0280, 1.6560, -30.0240



Tritanomaly

199.4110, -68.4460, -37.1020

Monochromacy



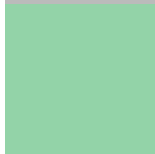
Original Color

186.7500, -66.4680, -72.9640



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.9620, -24.3410, -26.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.7500, -66.4680, -72.9640 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, 252, 136)` looks like.

```
.text, #text, p{  
    color:rgb(78, 252, 136)  
}
```

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, 252, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 252, 136) }
```

Border

The CSS property to change the border of an element to YIQ 186.7500, -66.4680, -72.9640 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, 252, 136) }
```


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

```
.border{ border-color:rgb(78, 252, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 252, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 252, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 252, 136);  
box-shadow:4px 4px 4px 4px rgb(78, 252,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 186.7500, -66.4680, -72.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 252, 136) }
```

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

```
.background{ background-color: rgb(78, 252,  
136) }
```

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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