

Converting Colors

YIQ(176.5500, -26.3570,
-34.4610)

Have a look what the booklet for
YIQ(176.5500, -26.3570, -34.4610)
contains.

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Color

**YIQ(176.5500, -26.3570,
-34.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	82CE93
RGB	130, 206, 147
RGB Percent	51%, 81%, 58%
CMY	0.4904, 0.1920, 0.4236
CMYK	0.37, 0.00, 0.29, 0.19
HSL	133°, 44%, 66%
HSV	133°, 37%, 81%
XYZ	36.5417, 51.0055, 35.5167
YIQ	176.5500, -26.3570, -34.4610

Conversions

Conversions Part 2

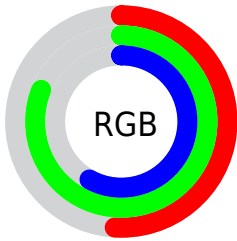
Format	Color
RYB	130, 192, 206
Decimal	8572563
CIELab	76.68, -35.92, 22.12
CIElCh	77, 42.189, 148.375
Yxy	51.0055, 0.2969, 0.4145
Android (android.graphics.Color)	4286762643 (0xFF82CE93)
YUV	176.5500, -14.5682, -40.8244
Hunter-Lab	71.4181, -33.6507, 20.5074

Details

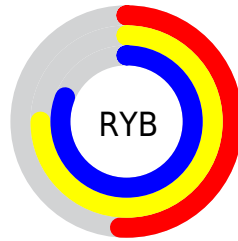
The YIQ color **176.5500, -26.3570, -34.4610** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **159.4500, 26.3570, 34.4610**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9140, -24.3860, -31.6340**, and **122.3050, -27.0450, -33.0050** is the 20% darker color. If you saturate the color by 10%, you get **168.4470, -33.7370, -43.8890**, and if you desaturate by 10%, it is **184.6530, -18.9770, -25.0330**.

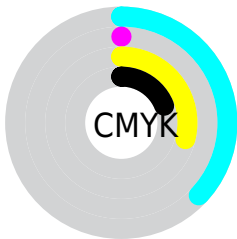
Distribution



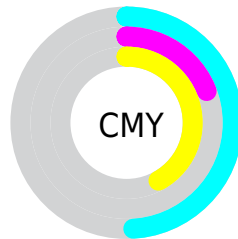
- Red (51%)
- Green (81%)
- Blue (58%)



- Red (51%)
- Yellow (75%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.5500, -26.3570, -34.4610 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 176.5500, -26.3570, -34.4610 by changing the saturation by 10% instead.

■ 176.5500,
-26.3570, -34.4610

■ 176.5500,
-26.3570, -34.4610

■ 255.0000, -0.0000,
-0.0000

■ 149.0770,
-26.4030, -33.6270

■ 227.9140,
-24.3860, -31.6340

■ 122.3050,
-27.0450, -33.0050

■ 239.7770,
-16.0900, -16.7780

■ 96.2340, -28.2830,
-32.5950

■ 251.4120, -7.1520,
-2.5440

■ 69.0810, -32.2260,
-32.7220

■ 47.1030, -29.2920,
-30.8280

■ 30.2790, -14.9880,
-25.7400

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 176.5500,
-26.3570, -34.4610

■ 176.5500,
-26.3570, -34.4610

■ 168.4470,
-33.7370, -43.8890

■ 184.6530,
-18.9770, -25.0330

■ 160.6430,
-40.5210, -53.1050

■ 192.4570,
-12.1930, -15.8170

■ 152.5400,
-47.9010, -62.5330

■ 200.5600, -4.8130,
-6.3890

■ 144.7360,
-54.6850, -71.7490

■ 208.3640, 1.9710,
2.8270

■ 136.6330,
-62.0650, -81.1770

■ 216.4670, 9.3510,
12.2550

■ 128.5300,
-69.4450, -90.6050

■ 224.5700, 16.7310,
21.6830

■ 126.1660,
-71.4160, -93.4320

■ 226.2370, 13.4750,
25.6270

Harmonies

Analogous

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



182.4160, 12.2470, -29.2330



176.5500, -26.3570, -34.4610



166.6000, -73.3520, -36.2960

Triad

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



176.5500, -26.3570, -34.4610



180.9210, -59.5130, 4.7670



188.8950, 57.9960, 17.2280

Complementary

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



176.5500, -26.3570, -34.4610



159.4500, 26.3570, 34.4610

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.



191.5800, 46.3020, 30.9260



176.5500, -26.3570, -34.4610



191.5400, -18.1150, 25.4450

Square

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



176.5500, -26.3570, -34.4610



163.7680, -108.1550, -16.7870



194.3400, 20.8550, 35.0550



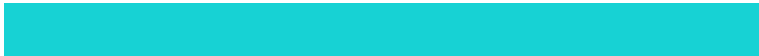
189.5400, 59.8330, 0.4490

Rectangle

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



176.5500, -26.3570, -34.4610



154.3150, -112.0940, -39.0220



194.3400, 20.8550, 35.0550



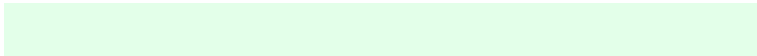
188.6160, 54.6480, 22.8400

Sweetspot

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



176.5500, -26.3570, -34.4610



244.1200, -9.6260, -12.7780



192.5520, 14.8600, -27.0280



121.4350, -5.9590, -7.6470



0.0000, 0.0000, 0.0000



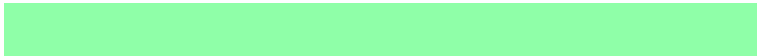
128.0000, -0.0000, -0.0000

Same Dimension

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



176.5500, -26.3570, -34.4610



211.5940, -38.8250, -50.8010



180.7680, -38.2340, -22.9540



98.0980, -3.3920, -4.6080



101.6600, -57.5270, -75.3110



23.3320, -13.3390, -17.0750

Inverse Universe

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



159.4500, 26.3570, 34.4610



186.4060, 38.8250, 50.8010



155.2320, 38.2340, 22.9540



95.9020, 3.3920, 4.6080



64.3400, 57.5270, 75.3110



14.7820, 13.0180, 17.3860

Previews

White Background



This preview shows how the YIQ color 176.5500, -26.3570, -34.4610 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 176.5500, -26.3570, -34.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

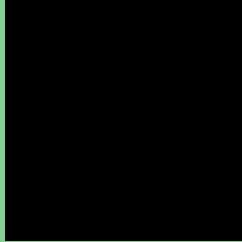
Any Text WCAG AA ✓ Pass

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 176.5500, -26.3570, -34.4610 Background



This preview shows how black text looks on a background with the YIQ color 176.5500, -26.3570, -34.4610.



This preview shows how white text looks on a background with the YIQ color 176.5500, -26.3570, -34.4610.

-34.4610.

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

176.5500, -26.3570, -34.4610

Protanopia

186.6000, 24.0730, -12.2710

Deuteranopia

189.0560, 31.9570, -0.9630



Tritanopia

182.9770, -36.7240, -6.2600

Trichromacy



Original Color

176.5500, -26.3570, -34.4610

Protanomaly

183.2770, 5.6890, -20.5110

Deuteranomaly

184.5430, 11.0520, -13.0760

Tritanomaly

180.5070, -32.8250, -16.3530

Monochromacy



Original Color

176.5500, -26.3570, -34.4610

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.1200, -9.6260, -12.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.5500, -26.3570, -34.4610 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(130, 206, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 206, 147)  
}
```

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(130, 206, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 206, 147) }
```

Border

The CSS property to change the border of an element to YIQ 176.5500, -26.3570, -34.4610 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(130, 206, 147) }
```


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

```
.border{ border-color:rgb(130, 206, 147) }
```

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

Here you see how a box with a 4 pixel rgb(130, 206, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 206, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 206, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 206,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 176.5500, -26.3570, -34.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 206, 147) }
```

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

```
.background{ background-color: rgb(130,  
206, 147) }
```

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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