

Converting Colors

YIQ(176.2140, -25.5310,
-38.4190)

Have a look what the booklet for
YIQ(176.2140, -25.5310, -38.4190)
contains.

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Color

**YIQ(176.2140, -25.5310,
-38.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	80D08B
RGB	128, 208, 139
RGB Percent	50%, 82%, 55%
CMY	0.4983, 0.1842, 0.4549
CMYK	0.39, 0.00, 0.33, 0.18
HSL	128°, 46%, 66%
HSV	128°, 39%, 82%
XYZ	36.1165, 51.5764, 32.4731
YIQ	176.2140, -25.5310, -38.4190

Conversions

Conversions Part 2

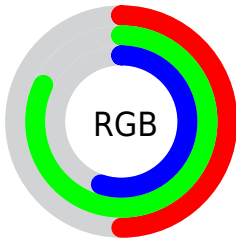
Format	Color
RYB	128, 198, 208
Decimal	8441995
CIELab	77.03, -38.82, 26.77
CIELCh	77, 47.157, 145.416
Yxy	51.5764, 0.3006, 0.4292
Android (android.graphics.Color)	4286632075 (0xFF80D08B)
YUV	176.2140, -18.3465, -42.2837
Hunter-Lab	71.8167, -35.9119, 23.4627

Details

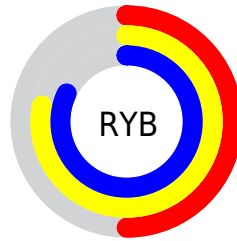
The YIQ color **176.2140, -25.5310, -38.4190** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **159.7860, 25.5310, 38.4190**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7030, -22.4140, -34.3340**, and **121.9690, -26.2190, -36.9630** is the 20% darker color. If you saturate the color by 10%, you get **167.8830, -32.2690, -48.4690**, and if you desaturate by 10%, it is **184.5450, -18.7930, -28.3690**.

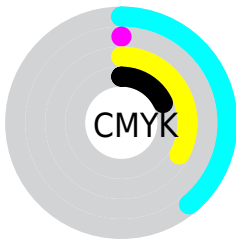
Distribution



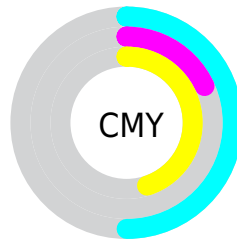
- Red (50%)
- Green (82%)
- Blue (55%)



- Red (50%)
- Yellow (78%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (33%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.2140, -25.5310, -38.4190 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 176.2140, -25.5310, -38.4190 by changing the saturation by 10% instead.

■ 176.2140,
-25.5310, -38.4190

■ 176.2140,
-25.5310, -38.4190

■ 255.0000, -0.0000,
-0.0000

■ 148.7410,
-25.5770, -37.5850

■ 226.7030,
-22.4140, -34.3340

■ 121.9690,
-26.2190, -36.9630

■ 238.2670,
-14.7140, -19.6900

■ 95.5990, -28.0530,
-36.7650

■ 250.2440, -6.7390,
-4.5230

■ 66.9510, -34.9760,
-37.9520

■ 46.6640, -26.6780,
-34.1500

■ 31.1110, -14.5750,
-27.7190

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 176.2140,
-25.5310, -38.4190

■ 176.2140,
-25.5310, -38.4190

■ 167.8830,
-32.2690, -48.4690

■ 184.5450,
-18.7930, -28.3690

■ 159.5520,
-39.0070, -58.5190

■ 192.8760,
-12.0550, -18.3190

■ 151.5200,
-45.1490, -68.3570

■ 200.9080, -5.9130,
-8.4810

■ 143.1890,
-51.8870, -78.4070

■ 209.2390, 0.8250,
1.5690

■ 134.8580,
-58.6250, -88.4570

■ 217.5700, 7.5630,
11.6190

■ 126.5270,
-65.3630, -98.5070

■ 225.9010, 14.3010,
21.6690

■ 125.4020,
-66.5090, -99.7650

■ 227.4110, 12.9250,
24.5810

Harmonies

Analogous

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



183.0590, 17.5660, -32.0180



176.2140, -25.5310, -38.4190



162.5230, -83.6210, -42.9250

Triad

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



176.2140, -25.5310, -38.4190



176.7020, -72.2580, -1.0420



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.



176.2140, -25.5310, -38.4190



159.7860, 25.5310, 38.4190

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.



189.9160, 45.4760, 34.8840



176.2140, -25.5310, -38.4190



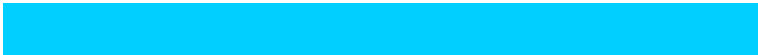
190.3330, -21.9660, 23.6500

Square

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



176.2140, -25.5310, -38.4190



150.5790, -138.7800, -28.9560



195.3770, 19.4330, 38.8010



189.7150, 66.7100, 2.4700

Rectangle

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



176.2140, -25.5310, -38.4190



149.1990, -126.6270, -45.4670



195.3770, 19.4330, 38.8010



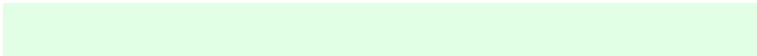
187.0830, 54.8310, 25.0310

Sweetspot

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



176.2140, -25.5310, -38.4190



242.7670, -10.1300, -14.6580



195.5910, 19.1240, -27.2120



120.7940, -5.5920, -8.7920



0.0000, 0.0000, 0.0000



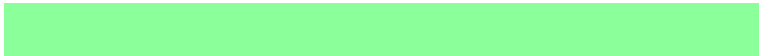
128.0000, -0.0000, -0.0000

Same Dimension

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



176.2140, -25.5310, -38.4190



208.5030, -37.3110, -56.2150



180.7740, -38.3710, -25.9790



100.6850, -3.6670, -5.1310



101.2380, -53.5830, -80.7110



24.7510, -13.2010, -19.5770

Inverse Universe

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



159.7860, 25.5310, 38.4190



184.4970, 37.3110, 56.2150



155.2260, 38.3710, 25.9790



98.3150, 3.6670, 5.1310



66.7620, 53.5830, 80.7110



16.2490, 13.2010, 19.5770

Previews

White Background



This preview shows how the YIQ color 176.2140, -25.5310, -38.4190 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 176.2140, -25.5310, -38.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

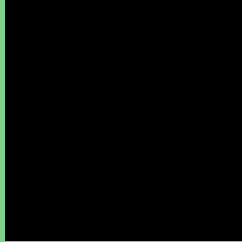
Any Text WCAG AA ✓ Pass

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 176.2140, -25.5310, -38.4190 Background



This preview shows how black text looks on a background with the YIQ color 176.2140, -25.5310, -38.4190.



This preview shows how white text looks on a background with the YIQ color 176.2140, -25.5310, -38.4190.

-38.4190.

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

176.2140, -25.5310, -38.4190

Protanopia

186.8730, 27.5580, -14.8580

Deuteranopia

189.1550, 35.9920, -2.5040



Tritanopia

184.0800, -38.5120, -6.8960

Trichromacy



Original Color

176.2140, -25.5310, -38.4190

Protanomaly

182.9520, 7.9820, -23.5220

Deuteranomaly

184.6310, 13.6200, -15.5640

Tritanomaly

181.1540, -33.3290, -18.2330

Monochromacy



Original Color

176.2140, -25.5310, -38.4190

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.4790, -9.2590, -13.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.2140, -25.5310, -38.4190 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(128, 208, 139)` looks like.

```
.text, #text, p{  
    color:rgb(128, 208, 139)  
}
```

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(128, 208, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 208, 139) }
```

Border

The CSS property to change the border of an element to YIQ 176.2140, -25.5310, -38.4190 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(128, 208, 139) }
```


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

```
.border{ border-color:rgb(128, 208, 139) }
```

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

Here you see how a box with a 4 pixel rgb(128, 208, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 208, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 208, 139);  
box-shadow:4px 4px 4px 4px rgb(128, 208,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 176.2140, -25.5310, -38.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 208, 139) }
```

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

```
.background{ background-color: rgb(128,  
208, 139) }
```

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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