

Converting Colors

YIQ(190.5060, -32.2250,
-38.2490)

Have a look what the booklet for
YIQ(190.5060, -32.2250, -38.2490)
contains.

YIQ(190.5060, -32.2250, -38.2490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(190.5060, -32.2250,
-38.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	88E0A1
RGB	136, 224, 161
RGB Percent	53%, 88%, 63%
CMY	0.4669, 0.1214, 0.3687
CMYK	0.39, 0.00, 0.28, 0.12
HSL	137°, 59%, 71%
HSV	137°, 39%, 88%
XYZ	43.2398, 61.1325, 43.2297
YIQ	190.5060, -32.2250, -38.2490

Conversions

Conversions Part 2

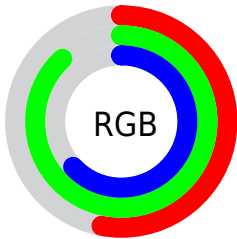
Format	Color
RYB	136, 205, 224
Decimal	8970401
CIELab	82.45, -39.80, 22.75
CIELCh	82, 45.845, 150.254
Yxy	61.1325, 0.2929, 0.4142
Android (android.graphics.Color)	4287160481 (0xFF88E0A1)
YUV	190.5060, -14.5465, -47.8018
Hunter-Lab	78.1873, -38.1121, 21.9497

Details

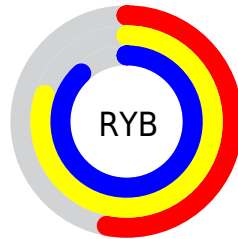
The YIQ color **190.5060, -32.2250, -38.2490** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **169.4940, 32.2250, 38.2490**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.7170, -25.0290, -25.4850**, and **135.2610, -32.9130, -36.7930** is the 20% darker color. If you saturate the color by 10%, you get **182.1040, -40.2010, -47.8890**, and if you desaturate by 10%, it is **198.9080, -24.2490, -28.6090**.

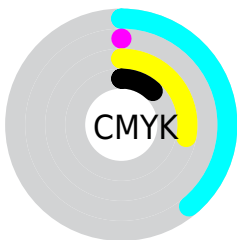
Distribution



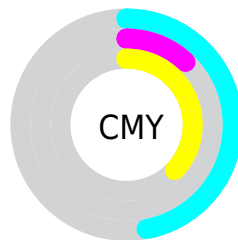
- Red (53%)
- Green (88%)
- Blue (63%)



- Red (53%)
- Yellow (80%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (28%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.5060, -32.2250, -38.2490 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 190.5060, -32.2250, -38.2490 by changing the saturation by 10% instead.

■ 190.5060,
-32.2250, -38.2490

■ 190.5060,
-32.2250, -38.2490

■ 255.0000, -0.0000,
-0.0000

■ 162.7340,
-32.8670, -37.6270

■ 231.7170,
-25.0290, -25.4850

■ 135.2610,
-32.9130, -36.7930

■ 243.6940,
-17.0540, -10.3180

■ 108.1900,
-34.1510, -36.3830

■ 253.5050, -2.9800,
-1.0600

■ 80.1400, -39.8820,
-37.1460

■ 57.1620, -36.9480,
-35.2520

■ 40.5660, -23.2860,
-29.5420

■ 25.2410, -11.8250,

-22.4890

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 190.5060,
-32.2250, -38.2490

■ 190.5060,
-32.2250, -38.2490

■ 182.1040,
-40.2010, -47.8890

■ 198.9080,
-24.2490, -28.6090

■ 173.4030,
-48.7730, -57.7410

■ 207.6090,
-15.6770, -18.7570

■ 165.0010,
-56.7490, -67.3810

■ 216.0110, -7.7010,
-9.1170

■ 156.3000,
-65.3210, -77.2330

■ 224.7120, 0.8710,
0.7350

■ 147.8980,
-73.2970, -86.8730

■ 233.1140, 8.8470,
10.3750

■ 139.4960,
-81.2730, -96.5130

■ 236.8030, 8.5250,
16.2130

■ 138.7840,
-82.1440, -97.2480

Harmonies

Analogous

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



197.7100, 11.2390, -32.9930



190.5060, -32.2250, -38.2490



178.3210, -85.8680, -40.7480

Triad

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



190.5060, -32.2250, -38.2490



193.9120, -55.2940, -0.1100



197.6660, 51.2110, 13.5390

Complementary

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



190.5060, -32.2250, -38.2490



169.4940, 32.2250, 38.2490

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.



200.1060, 38.8290, 28.6930



190.5060, -32.2250, -38.2490



205.7380, -10.0450, 22.3630

Square

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



190.5060, -32.2250, -38.2490



173.7470, -112.8300, -25.6780



209.7040, 22.8260, 37.8820



201.5350, 58.2290, -3.5230

Rectangle

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



190.5060, -32.2250, -38.2490



160.3980, -137.4930, -46.7810



209.7040, 22.8260, 37.8820



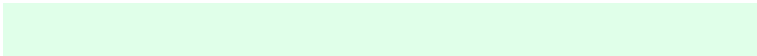
198.0880, 47.2670, 18.9390

Sweetspot

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



190.5060, -32.2250, -38.2490



243.2230, -11.4140, -13.4140



206.4930, 13.3480, -32.6680



121.1360, -6.5550, -7.8590



0.0000, 0.0000, 0.0000



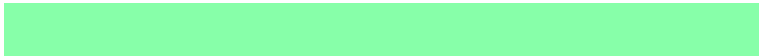
128.0000, -0.0000, -0.0000

Same Dimension

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



190.5060, -32.2250, -38.2490



209.3160, -43.9140, -52.1860



195.5220, -46.3490, -24.5650



107.7990, -3.9880, -4.8200



109.0120, -64.4500, -76.4980



29.7720, -17.6940, -20.7500

Inverse Universe

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



169.4940, 32.2250, 38.2490



180.6840, 43.9140, 52.1860



164.4780, 46.3490, 24.5650



105.2010, 3.9880, 4.8200



66.9880, 64.4500, 76.4980



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 190.5060, -32.2250, -38.2490 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 190.5060, -32.2250, -38.2490 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 190.5060, -32.2250, -38.2490 Background



This preview shows how black text looks on a background with the YIQ color 190.5060, -32.2250, -38.2490.



This preview shows how white text looks on a background with the YIQ color 190.5060, -32.2250, -38.2490.

-38.2490.

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

190.5060, -32.2250, -38.2490

Protanopia

202.5570, 25.6320, -12.9920

Deuteranopia

204.9530, 33.7450, -0.3270



Tritanopia

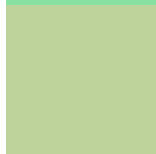
197.8020, -43.6010, -8.2810

Trichromacy



Original Color

190.5060, -32.2250, -38.2490



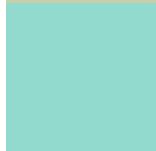
Protanomaly

198.0380, 4.8640, -22.0800



Deuteranomaly

199.5320, 9.5850, -14.0230



Tritanomaly

195.1040, -39.0600, -18.9960

Monochromacy



Original Color

190.5060, -32.2250, -38.2490



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

190.8100, -11.6890, -13.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.5060, -32.2250, -38.2490 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(136, 224, 161)` looks like.

```
.text, #text, p{  
    color:rgb(136, 224, 161)  
}
```

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(136, 224, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 224, 161) }
```

Border

The CSS property to change the border of an element to YIQ 190.5060, -32.2250, -38.2490 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(136, 224, 161) }
```


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

```
.border{ border-color:rgb(136, 224, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 224, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 224, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 224, 161);  
box-shadow:4px 4px 4px 4px rgb(136, 224,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 190.5060, -32.2250, -38.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 224, 161) }
```

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

```
.background{ background-color: rgb(136,  
224, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor