

Converting Colors

YIQ(196.4090, -38.6010,
-21.8090)

Have a look what the booklet for
YIQ(196.4090, -38.6010, -21.8090)
contains.

YIQ(196.4090, -38.6010, -21.8090)	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(196.4090, -38.6010,
-21.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	92DDCA
RGB	146, 221, 202
RGB Percent	57%, 87%, 79%
CMY	0.4276, 0.1332, 0.2080
CMYK	0.34, 0.00, 0.09, 0.13
HSL	165°, 52%, 72%
HSV	165°, 34%, 87%
XYZ	48.3667, 62.0987, 65.2922
YIQ	196.4090, -38.6010, -21.8090

Conversions

Conversions Part 2

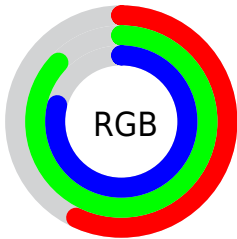
Format	Color
RYB	146, 189, 221
Decimal	9625034
CIELab	82.97, -27.39, 1.98
CIELCh	83, 27.465, 175.873
Yxy	62.0987, 0.2752, 0.3533
Android (android.graphics.Color)	4287815114 (0xFF92DDCA)
YUV	196.4090, 2.7564, -44.2087
Hunter-Lab	78.8027, -28.3469, 6.0370

Details

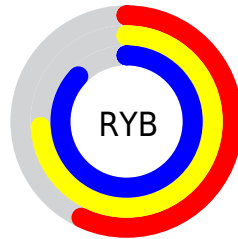
The YIQ color **196.4090, -38.6010, -21.8090** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **170.5910, 38.6010, 21.8090**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1530, -31.5880, -11.2360**, and **141.8220, -38.3260, -21.2860** is the 20% darker color. If you saturate the color by 10%, you get **189.1470, -49.7870, -28.3390**, and if you desaturate by 10%, it is **203.6710, -27.4150, -15.2790**.

Distribution



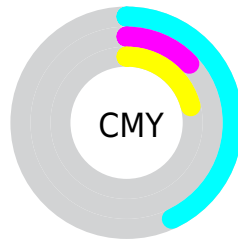
- Red (57%)
- Green (87%)
- Blue (79%)



- Red (57%)
- Yellow (74%)
- Blue (87%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (43%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4090, -38.6010, -21.8090 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 196.4090, -38.6010, -21.8090 by changing the saturation by 10% instead.

■ 196.4090,
-38.6010, -21.8090

■ 196.4090,
-38.6010, -21.8090

■ 255.0000, -0.0000,
-0.0000

■ 168.8220,
-38.3260, -21.2860

■ 239.1530,
-31.5880, -11.2360

■ 141.8220,
-38.3260, -21.2860

■ 247.8240,
-14.3040, -5.0880

■ 114.9360,
-38.6470, -20.9750

■ 88.4520, -40.1600,
-21.0880

■ 60.0920, -47.9540,
-23.0100

■ 43.9690, -34.2460,
-18.1340

■ 28.0740, -21.1800,

-12.6360

■ 11.1360, -6.5550,
-7.8590

■ 0.0000, 0.0000,
0.0000

■ 196.4090,
-38.6010, -21.8090

■ 196.4090,
-38.6010, -21.8090

■ 189.1470,
-49.7870, -28.3390

■ 203.6710,
-27.4150, -15.2790

■ 181.9990,
-61.2940, -34.5580

■ 210.8190,
-15.9080, -9.0600

■ 174.7370,
-72.4800, -41.0880

■ 218.0810, -4.7220,
-2.5300

■ 167.5890,
-83.9870, -47.3070

■ 225.2290, 6.7850,
3.6890

■ 160.0280,
-95.7690, -54.0490

■ 232.1920, 17.3750,
10.0070

■ 152.7660,
-106.9550, -60.5790

■ 232.8760, 15.4490,
11.8730

■ 148.5370,
-113.7400, -64.2680

■ 233.4460, 13.8440,
13.4280

■ 234.1300, 11.9180,
15.2940

■ 234.7000, 10.3130,
16.8490

Harmonies

Analogous

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



199.5720, -14.2550, -22.5030



196.4090, -38.6010, -21.8090



195.1870, -55.2910, -16.6910

Triad

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



196.4090, -38.6010, -21.8090



208.4230, -13.7120, 17.2320



208.0250, 42.4100, 2.3300

Complementary

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



196.4090, -38.6010, -21.8090



170.5910, 38.6010, 21.8090

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.



208.2780, 40.6200, 12.7480



196.4090, -38.6010, -21.8090



211.0580, 12.4210, 22.7010

Square

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



196.4090, -38.6010, -21.8090



203.4690, -37.6890, 5.7270



210.6550, 32.5490, 21.3570



205.8890, 30.6290, -9.9390

Rectangle

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



196.4090, -38.6010, -21.8090



196.9190, -57.1720, -10.1320



210.6550, 32.5490, 21.3570



208.7310, 43.4180, 6.0900

Sweetspot

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



196.4090, -38.6010, -21.8090



246.8410, -12.9740, -7.1660



196.0050, -8.7050, -34.9850



122.7600, -8.2520, -4.6360



0.0000, 0.0000, 0.0000



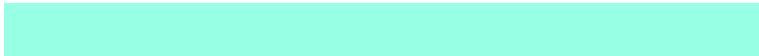
128.0000, -0.0000, -0.0000

Same Dimension

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



196.4090, -38.6010, -21.8090



220.5270, -53.9130, -30.6570



188.5960, -40.0250, -7.0090



106.3690, -5.5930, -3.2650



116.2570, -88.9840, -50.3600



30.8780, -23.5640, -13.4840

Inverse Universe

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



170.5910, 38.6010, 21.8090



184.4730, 53.9130, 30.6570



178.4040, 40.0250, 7.0090



102.5170, 5.9140, 2.9540



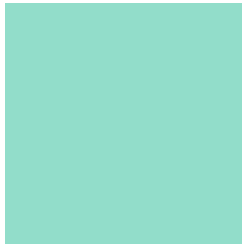
56.7430, 88.9840, 50.3600



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 196.4090, -38.6010, -21.8090 looks on a white background.

Color Contrast Check

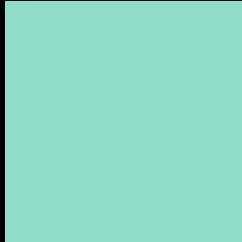
Large Text (above 18pt) WCAG AA × Fail

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 196.4090, -38.6010, -21.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

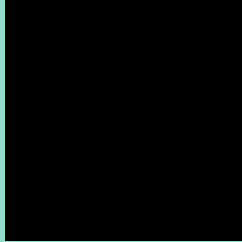
Any Text WCAG AA ✓ Pass

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 196.4090, -38.6010, -21.8090 Background



This preview shows how black text looks on a background with the YIQ color 196.4090, -38.6010, -21.8090.



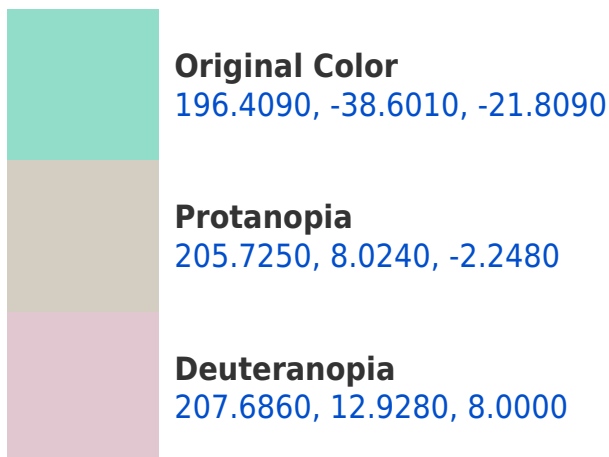
This preview shows how white text looks on a background with the YIQ color 196.4090, -38.6010, -21.8090.

-21.8090.

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





Tritanopia

199.2150, -43.3260, -7.7580

Trichromacy



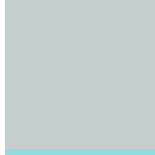
Original Color

196.4090, -38.6010, -21.8090



Protanomaly

202.4130, -8.8930, -9.5410



Deuteranomaly

203.4830, -5.9140, -2.9540



Tritanomaly

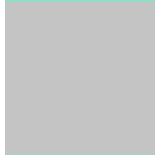
198.1240, -41.8120, -13.1720

Monochromacy



Original Color

196.4090, -38.6010, -21.8090



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.1290, -13.8450, -7.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4090, -38.6010, -21.8090 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(146, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(146, 221, 202)  
}
```

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(146, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 221, 202) }
```

Border

The CSS property to change the border of an element to YIQ 196.4090, -38.6010, -21.8090 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(146, 221, 202) }
```


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

```
.border{ border-color:rgb(146, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(146, 221,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4090, -38.6010, -21.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 221, 202) }
```

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

```
.background{ background-color: rgb(146,  
221, 202) }
```

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