

Converting Colors

YIQ(188.5210, -62.9440,
-37.6960)

Have a look what the booklet for
YIQ(188.5210, -62.9440, -37.6960)
contains.

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Color

**YIQ(188.5210, -62.9440,
-37.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	69E6C2
RGB	105, 230, 194
RGB Percent	41%, 90%, 76%
CMY	0.5885, 0.0978, 0.2394
CMYK	0.54, 0.00, 0.16, 0.10
HSL	163°, 71%, 66%
HSV	163°, 54%, 90%
XYZ	43.8588, 63.5136, 60.9534
YIQ	188.5210, -62.9440, -37.6960

Conversions

Conversions Part 2

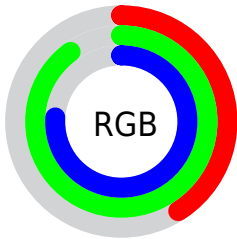
Format	Color
RYB	105, 178, 230
Decimal	6940354
CIELab	83.71, -43.42, 7.08
CIELCh	84, 43.992, 170.732
Yxy	63.5136, 0.2606, 0.3773
Android (android.graphics.Color)	4285130434 (0xFF69E6C2)
YUV	188.5210, 2.7011, -73.2479
Hunter-Lab	79.6955, -41.2332, 10.4401

Details

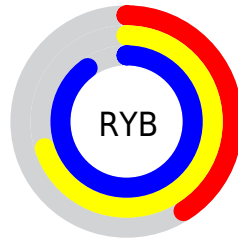
The YIQ color **188.5210, -62.9440, -37.6960** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **146.4790, 62.9440, 37.6960**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.5200, -52.0350, -20.6350**, and **128.8620, -71.3340, -39.8300** is the 20% darker color. If you saturate the color by 10%, you get **180.8460, -74.4050, -44.7490**, and if you desaturate by 10%, it is **196.1960, -51.4830, -30.6430**.

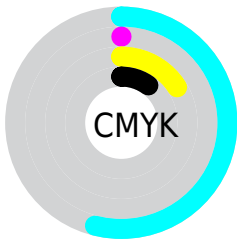
Distribution



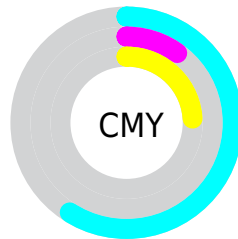
- Red (41%)
- Green (90%)
- Blue (76%)



- Red (41%)
- Yellow (70%)
- Blue (90%)



- Cyan (54%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5210, -62.9440, -37.6960 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 188.5210, -62.9440, -37.6960 by changing the saturation by 10% instead.

■ 188.5210,
-62.9440, -37.6960

■ 188.5210,
-62.9440, -37.6960

■ 255.0000, -0.0000,
-0.0000

■ 159.4390,
-65.6490, -38.2330

■ 227.5200,
-52.0350, -20.6350

■ 128.8620,
-71.3340, -39.8300

■ 236.7610,
-36.3560, -12.9320

■ 99.3990, -77.3400,
-41.1160

■ 245.7310,
-18.4760, -6.5720

■ 80.7000, -61.8900,
-34.7700

■ 254.7010, -0.5960,
-0.2120

■ 63.4030, -47.6320,
-28.8480

■ 46.2200, -33.6950,
-22.6150

■ 30.3250, -20.6290,

-17.1170

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 188.5210,
-62.9440, -37.6960

■ 188.5210,
-62.9440, -37.6960

■ 180.8460,
-74.4050, -44.7490

■ 196.1960,
-51.4830, -30.6430

■ 173.2850,
-86.1870, -51.4910

■ 203.7570,
-39.7010, -23.9010

■ 165.6100,
-97.6480, -58.5440

■ 211.4320,
-28.2400, -16.8480

■ 157.9350,
-109.1090, -65.5970

■ 219.1070,
-16.7790, -9.7950

■ 153.7060,
-115.8940, -69.2860

■ 226.6680, -4.9970,
-3.0530

■ 234.3430, 6.4640,
4.0000

■ 238.6150, 11.6900,
8.4100

■ 239.4130, 9.4430,
10.5870

■ 240.2110, 7.1960,
12.7640

Harmonies

Analogous

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



197.2860, -16.8660, -35.7620



188.5210, -62.9440, -37.6960



175.1730, -114.5700, -38.2020

Triad

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



188.5210, -62.9440, -37.6960



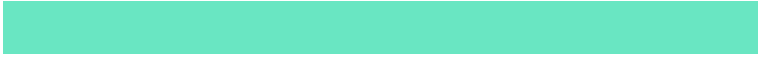
206.5360, -21.4600, 14.4760



203.2450, 53.4140, 1.1420

Complementary

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



188.5210, -62.9440, -37.6960



146.4790, 62.9440, 37.6960

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.



201.3650, 44.9290, 17.2570



188.5210, -62.9440, -37.6960



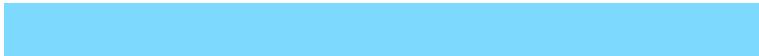
213.5780, 14.2530, 33.5570

Square

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



188.5210, -62.9440, -37.6960



194.1230, -66.4340, -7.4740



206.1530, 31.4470, 30.3190



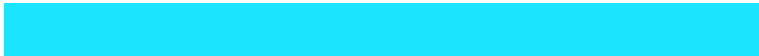
206.9050, 50.8950, -13.7850

Rectangle

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



188.5210, -62.9440, -37.6960



170.9790, -128.4630, -34.2150



206.1530, 31.4470, 30.3190



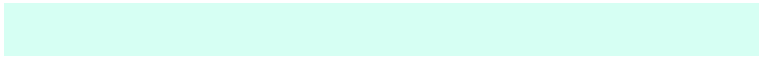
201.5640, 51.2580, 7.1780

Sweetspot

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



188.5210, -62.9440, -37.6960



241.3730, -20.5840, -12.4240



189.4380, -12.3230, -57.5310



119.7270, -12.6530, -7.4770



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.



188.5210, -62.9440, -37.6960



199.8940, -83.5280, -50.1200



177.9500, -67.6250, -13.4250



110.9560, -5.8680, -3.7880



119.5510, -89.9920, -54.1200



34.0410, -25.5810, -15.4770

Inverse Universe

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



146.4790, 62.9440, 37.6960



144.1060, 83.5280, 50.1200



157.0500, 67.6250, 13.4250



107.0440, 5.8680, 3.7880



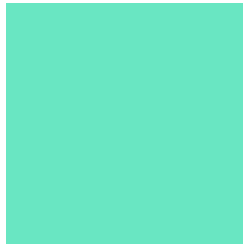
59.4490, 89.9920, 54.1200



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 188.5210, -62.9440, -37.6960 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 188.5210, -62.9440, -37.6960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

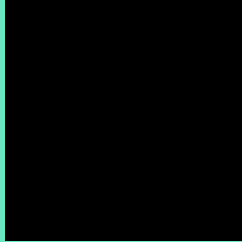
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

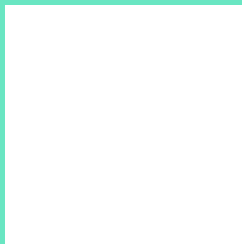
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.5210, -62.9440, -37.6960 Background



This preview shows how black text looks on a background with the YIQ color 188.5210, -62.9440, -37.6960.



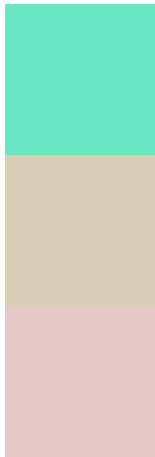
This preview shows how white text looks on a background with the YIQ color 188.5210, -62.9440, -37.6960.

-37.6960.

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

188.5210, -62.9440, -37.6960

Protanopia

207.1400, 13.9850, -5.6550

Deuteranopia

208.9700, 17.8800, 6.3600



Tritanopia

194.2550, -67.1660, -16.2380

Trichromacy



Original Color

188.5210, -62.9440, -37.6960



Protanomaly

200.0330, -13.9350, -17.2870



Deuteranomaly

201.7440, -11.3230, -9.5550



Tritanomaly

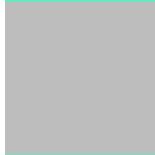
192.5830, -65.5140, -24.1540

Monochromacy



Original Color

188.5210, -62.9440, -37.6960



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.7640, -23.2430, -13.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5210, -62.9440, -37.6960 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(105, 230, 194)` looks like.

```
.text, #text, p{  
    color:rgb(105, 230, 194)  
}
```

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(105, 230, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 230, 194) }
```

Border

The CSS property to change the border of an element to YIQ 188.5210, -62.9440, -37.6960 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(105, 230, 194) }
```


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

```
.border{ border-color:rgb(105, 230, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 230, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 230, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 230, 194);  
box-shadow:4px 4px 4px 4px rgb(105, 230,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5210, -62.9440, -37.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 230, 194) }
```

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

```
.background{ background-color: rgb(105,  
230, 194) }
```

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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