

Converting Colors

YIQ(199.2110, -65.0070,
-38.8550)

Have a look what the booklet for
YIQ(199.2110, -65.0070, -38.8550)
contains.

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Color

**YIQ(199.2110, -65.0070,
-38.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	71F2CD
RGB	113, 242, 205
RGB Percent	44%, 95%, 80%
CMY	0.5572, 0.0508, 0.1963
CMYK	0.53, 0.00, 0.15, 0.05
HSL	163°, 83%, 70%
HSV	163°, 53%, 95%
XYZ	49.5799, 71.4466, 68.8980
YIQ	199.2110, -65.0070, -38.8550

Conversions

Conversions Part 2

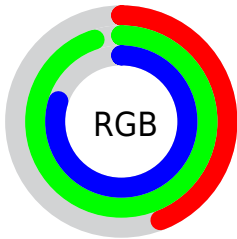
Format	Color
R _Y B	113, 188, 242
Decimal	7467725
CIE Lab	87.70, -44.50, 7.09
CIE LCh	88, 45.057, 170.944
Yxy	71.4466, 0.2611, 0.3762
Android (android.graphics.Color)	4285657805 (0xFF71F2CD)
YUV	199.2110, 2.8540, -75.6070
Hunter-Lab	84.5261, -43.2192, 10.8404

Details

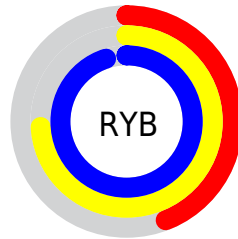
The YIQ color **199.2110, -65.0070, -38.8550** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **155.7890, 65.0070, 38.8550**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, -48.8720, -17.3840**, and **139.5630, -71.9300, -40.0420** is the 20% darker color. If you saturate the color by 10%, you get **191.2370, -77.0640, -46.1200**, and if you desaturate by 10%, it is **207.1850, -52.9500, -31.5900**.

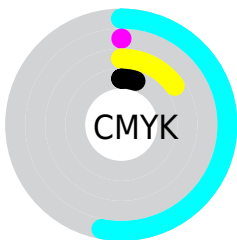
Distribution



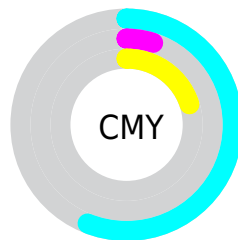
- Red (44%)
- Green (95%)
- Blue (80%)



- Red (44%)
- Yellow (74%)
- Blue (95%)



- Cyan (53%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (56%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2110, -65.0070, -38.8550 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 199.2110, -65.0070, -38.8550 by changing the saturation by 10% instead.

■ 199.2110,
-65.0070, -38.8550

■ 199.2110,
-65.0070, -38.8550

■ 255.0000, -0.0000,
-0.0000

■ 169.7270,
-66.5200, -38.9680

■ 230.4820,
-48.8720, -17.3840

■ 139.5630,
-71.9300, -40.0420

■ 239.4520,
-30.9920, -11.0240

■ 106.9960,
-83.5750, -43.7590

■ 248.4220,
-13.1120, -4.6640

■ 88.2970, -68.1250,
-37.4130

■ 70.2990, -53.2710,
-31.2790

■ 53.0020, -39.0130,
-25.3570

■ 36.5200, -25.6720,

-19.3360

■ 20.9840, -12.2390,
-14.9830

■ 0.0000, 0.0000,
0.0000

■ 199.2110,
-65.0070, -38.8550

■ 199.2110,
-65.0070, -38.8550

■ 191.2370,
-77.0640, -46.1200

■ 207.1850,
-52.9500, -31.5900

■ 183.2630,
-89.1210, -53.3850

■ 215.1590,
-40.8930, -24.3250

■ 174.9900,
-101.7740, -60.8620

■ 223.4320,
-28.2400, -16.8480

■ 167.0160,
-113.8310, -68.1270

■ 231.4060,
-16.1830, -9.5830

■ 161.6620,
-121.7620, -73.0740

■ 239.3800, -4.1260,
-2.3180

■ 246.4570, 6.1430,
4.3110

■ 247.2550, 3.8960,
6.4880

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



208.0470, -17.6910, -37.3310



199.2110, -65.0070, -38.8550



186.8740, -115.1660, -38.4140

Triad

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



199.2110, -65.0070, -38.8550



216.2820, -17.9290, 11.0550



210.1410, 47.7750, -1.2890

Complementary

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



199.2110, -65.0070, -38.8550



155.7890, 65.0070, 38.8550

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.



208.3750, 38.9690, 15.1370



199.2110, -65.0070, -38.8550



221.5410, 15.6750, 29.8110

Square

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



199.2110, -65.0070, -38.8550



203.2710, -64.0950, -11.3190



213.3910, 24.8450, 28.8210



216.6660, 50.0700, -15.3540

Rectangle

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



199.2110, -65.0070, -38.8550



182.5080, -122.8230, -37.3110



213.3910, 24.8450, 28.8210



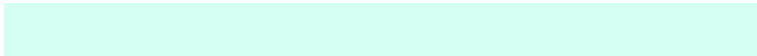
209.0470, 45.3440, 4.2240

Sweetspot

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



199.2110, -65.0070, -38.8550



241.3730, -20.5840, -12.4240



200.3840, -12.2310, -59.1990



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.



199.2110, -65.0070, -38.8550



200.9050, -82.0610, -49.1730



188.1670, -69.7340, -13.7500



115.9560, -5.8680, -3.7880



122.9420, -92.6510, -55.4910



37.4320, -28.2400, -16.8480

Inverse Universe

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



155.7890, 65.0070, 38.8550



146.0950, 82.0610, 49.1730



166.8330, 69.7340, 13.7500



111.9300, 6.1890, 3.4770



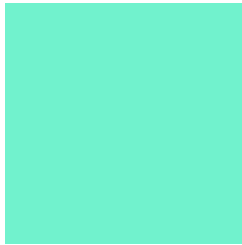
61.0580, 92.6510, 55.4910



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 199.2110, -65.0070, -38.8550 looks on a white background.

Color Contrast Check

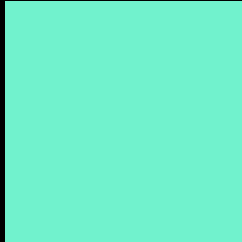
Large Text (above 18pt) WCAG AA × Fail

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 199.2110, -65.0070, -38.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

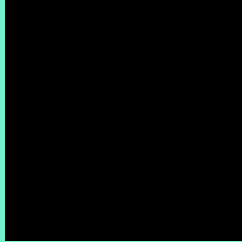
Any Text WCAG AA ✓ Pass

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 199.2110, -65.0070, -38.8550 Background



This preview shows how black text looks on a background with the YIQ color 199.2110, -65.0070, -38.8550.



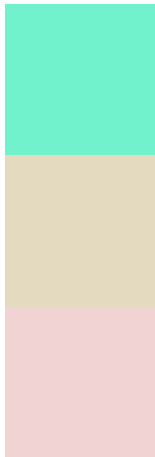
This preview shows how white text looks on a background with the YIQ color 199.2110, -65.0070, -38.8550.

-38.8550.

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

199.2110, -65.0070, -38.8550

Protanopia

218.0260, 14.3060, -5.9660

Deuteranopia

220.3830, 18.1550, 6.8830



Tritanopia

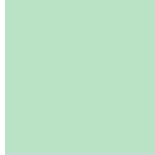
205.4720, -69.2750, -16.5630

Trichromacy



Original Color

199.2110, -65.0070, -38.8550



Protanomaly

211.3210, -14.8060, -18.0220



Deuteranomaly

212.4450, -11.9190, -9.7670



Tritanomaly

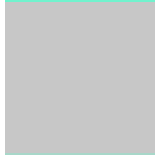
203.3870, -67.8980, -25.0020

Monochromacy



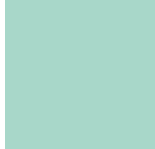
Original Color

199.2110, -65.0070, -38.8550



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.3510, -23.5180, -14.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2110, -65.0070, -38.8550 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(113, 242, 205)` looks like.

```
.text, #text, p{  
    color:rgb(113, 242, 205)  
}
```

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(113, 242, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 242, 205) }
```

Border

The CSS property to change the border of an element to YIQ 199.2110, -65.0070, -38.8550 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(113, 242, 205) }
```


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

```
.border{ border-color:rgb(113, 242, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 242, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 242, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 242, 205);  
box-shadow:4px 4px 4px 4px rgb(113, 242,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2110, -65.0070, -38.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 242, 205) }
```

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

```
.background{ background-color: rgb(113,  
242, 205) }
```

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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