

Converting Colors

YIQ(205.4240, -52.1250,
-30.0210)

Have a look what the booklet for
YIQ(205.4240, -52.1250, -30.0210)
contains.

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Color

**YIQ(205.4240, -52.1250,
-30.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	89EFD4
RGB	137, 239, 212
RGB Percent	54%, 94%, 83%
CMY	0.4630, 0.0626, 0.1688
CMYK	0.43, 0.00, 0.11, 0.06
HSL	164°, 76%, 74%
HSV	164°, 43%, 94%
XYZ	53.0624, 71.8219, 73.3223
YIQ	205.4240, -52.1250, -30.0210

Conversions

Conversions Part 2

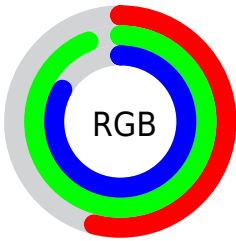
Format	Color
RYB	137, 196, 239
Decimal	9039828
CIELab	87.88, -36.07, 3.81
CIElCh	88, 36.266, 173.977
Yxy	71.8219, 0.2677, 0.3624
Android (android.graphics.Color)	4287229908 (0xFF89EFD4)
YUV	205.4240, 3.2420, -60.0078
Hunter-Lab	84.7478, -36.5460, 8.0268

Details

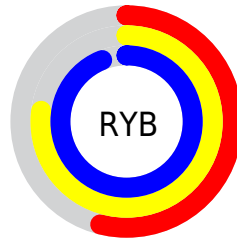
The YIQ color **205.4240, -52.1250, -30.0210** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **170.5760, 52.1250, 30.0210**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, -35.7600, -12.7200**, and **148.9400, -53.6380, -30.1340** is the 20% darker color. If you saturate the color by 10%, you get **197.5640, -64.5030, -36.9750**, and if you desaturate by 10%, it is **213.2840, -39.7470, -23.0670**.

Distribution



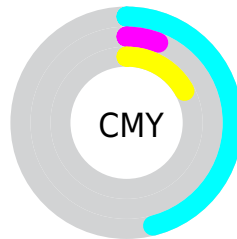
- Red (54%)
- Green (94%)
- Blue (83%)



- Red (54%)
- Yellow (77%)
- Blue (94%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)



- Cyan (46%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4240, -52.1250, -30.0210 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 205.4240, -52.1250, -30.0210 by changing the saturation by 10% instead.

■ 205.4240,
-52.1250, -30.0210

■ 205.4240,
-52.1250, -30.0210

■ 255.0000, -0.0000,
-0.0000

■ 176.5380,
-52.4460, -29.7100

■ 237.0600,
-35.7600, -12.7200

■ 148.9400,
-53.6380, -30.1340

■ 245.7310,
-18.4760, -6.5720

■ 120.2710,
-56.0680, -30.1480

■ 254.7010, -0.5960,
-0.2120

■ 87.8070, -69.5010,
-34.5010

■ 69.8090, -54.6470,
-28.3670

■ 53.0990, -40.6640,
-22.9680

■ 36.5030, -27.0020,

-17.2580

■ 22.4830, -15.0820,
-13.0180

■ 0.0000, 0.0000,
0.0000

■ 205.4240,
-52.1250, -30.0210

■ 205.4240,
-52.1250, -30.0210

■ 197.5640,
-64.5030, -36.9750

■ 213.2840,
-39.7470, -23.0670

■ 189.5900,
-76.5600, -44.2400

■ 221.2580,
-27.6900, -15.8020

■ 181.7300,
-88.9380, -51.1940

■ 229.1180,
-15.3120, -8.8480

■ 173.8700,
-101.3160, -58.1480

■ 236.9780, -2.9340,
-1.8940

■ 165.8960,
-113.3730, -65.4130

■ 244.3540, 7.9310,
4.9470

■ 160.3570,
-122.2210, -70.2610

■ 245.0380, 6.0050,
6.8130

■ 245.6080, 4.4000,
8.3680

Harmonies

Analogous

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



210.9750, -17.1880, -29.9240



205.4240, -52.1250, -30.0210



201.6400, -78.8560, -24.6480

Triad

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



205.4240, -52.1250, -30.0210



219.2720, -11.9690, 13.1750



214.9170, 42.5940, -1.0060

Complementary

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



205.4240, -52.1250, -30.0210



170.5760, 52.1250, 30.0210

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.



213.4130, 35.8060, 11.8860



205.4240, -52.1250, -30.0210



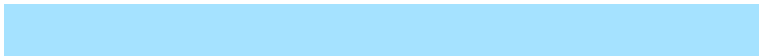
223.8890, 14.5750, 27.7190

Square

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



205.4240, -52.1250, -30.0210



211.0670, -45.6650, -3.9130



216.8160, 24.8460, 23.2940



219.1690, 41.4040, -12.4840

Rectangle

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



205.4240, -52.1250, -30.0210



201.9760, -79.6820, -20.6900



216.8160, 24.8460, 23.2940



214.0680, 40.8510, 3.0510

Sweetspot

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



205.4240, -52.1250, -30.0210



244.1070, -16.7790, -9.7950



204.9470, -11.9580, -47.6220



121.0370, -10.5900, -6.3180



0.0000, 0.0000, 0.0000



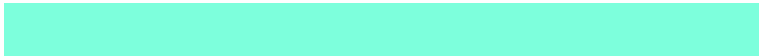
128.0000, -0.0000, -0.0000

Same Dimension

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



205.4240, -52.1250, -30.0210



212.1400, -66.2450, -38.4450



194.4140, -54.1920, -9.0720



116.0700, -6.1890, -3.4770



123.3980, -93.9350, -54.2470



37.5460, -28.5610, -16.5370

Inverse Universe

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



170.5760, 52.1250, 30.0210



167.7460, 66.5660, 38.1340



181.5860, 54.1920, 9.0720



111.9300, 6.1890, 3.4770



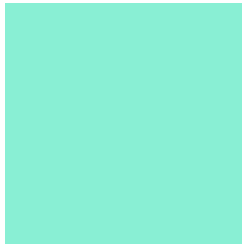
60.6020, 93.9350, 54.2470



18.4540, 28.5610, 16.5370

Previews

White Background



This preview shows how the YIQ color 205.4240, -52.1250, -30.0210 looks on a white background.

Color Contrast Check

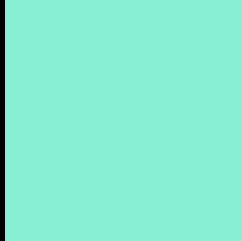
Large Text (above 18pt) WCAG AA × Fail

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 205.4240, -52.1250, -30.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

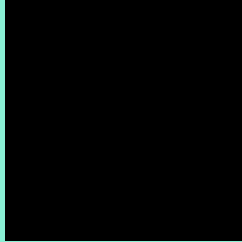
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

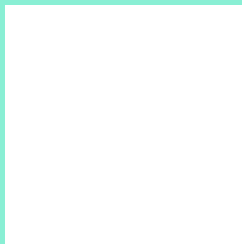
Any Text WCAG AAA ✓ Pass

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

YIQ 205.4240, -52.1250, -30.0210 Background



This preview shows how black text looks on a background with the YIQ color 205.4240, -52.1250, -30.0210.



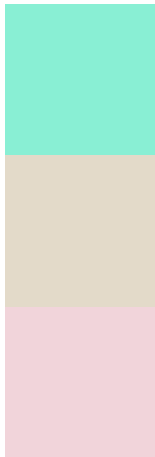
This preview shows how white text looks on a background with the YIQ color 205.4240, -52.1250, -30.0210.

-30.0210.

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

205.4240, -52.1250, -30.0210

Protanopia

218.7530, 10.8210, -3.3790

Deuteranopia

221.3550, 15.3580, 8.0140



Tritanopia

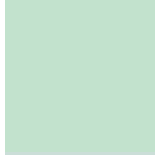
209.7510, -56.7590, -12.1110

Trichromacy



Original Color

205.4240, -52.1250, -30.0210



Protanomaly

214.0380, -12.3310, -13.3150



Deuteranomaly

215.6350, -9.3980, -5.8940



Tritanomaly

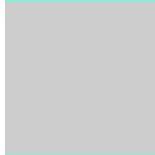
208.0190, -54.8780, -18.6700

Monochromacy



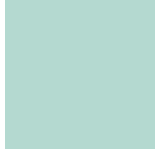
Original Color

205.4240, -52.1250, -30.0210



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.9110, -19.1630, -10.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4240, -52.1250, -30.0210 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(137, 239, 212)` looks like.

```
.text, #text, p{  
    color:rgb(137, 239, 212)  
}
```

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(137, 239, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 239, 212) }
```

Border

The CSS property to change the border of an element to YIQ 205.4240, -52.1250, -30.0210 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(137, 239, 212) }
```


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

```
.border{ border-color:rgb(137, 239, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 239, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 239, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 239, 212);  
box-shadow:4px 4px 4px 4px rgb(137, 239,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4240, -52.1250, -30.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 239, 212) }
```

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

```
.background{ background-color: rgb(137,  
239, 212) }
```

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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