

Converting Colors

YIQ(205.4430, -54.2770,
-46.0930)

Have a look what the booklet for
YIQ(205.4430, -54.2770, -46.0930)
contains.

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Color

**YIQ(205.4430, -54.2770,
-46.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFABB
RGB	125, 250, 187
RGB Percent	49%, 98%, 73%
CMY	0.5101, 0.0194, 0.2668
CMYK	0.50, 0.00, 0.25, 0.02
HSL	150°, 93%, 74%
HSV	150°, 50%, 98%
XYZ	51.6119, 76.3433, 59.0054
YIQ	205.4430, -54.2770, -46.0930

Conversions

Conversions Part 2

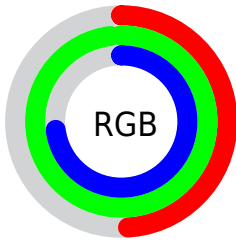
Format	Color
RYB	125, 209, 250
Decimal	8256187
CIELab	90.02, -49.06, 19.73
CIELCh	90, 52.877, 158.088
Yxy	76.3433, 0.2761, 0.4083
Android (android.graphics.Color)	4286446267 (0xFF7DFABB)
YUV	205.4430, -9.0924, -70.5485
Hunter-Lab	87.3747, -47.4664, 21.1229

Details

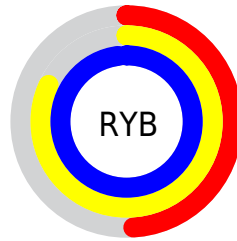
The YIQ color **205.4430, -54.2770, -46.0930** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **169.5570, 54.2770, 46.0930**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.4030, -38.4640, -18.7840**, and **147.4040, -58.5410, -45.9090** is the 20% darker color. If you saturate the color by 10%, you get **196.4860, -65.0040, -55.4360**, and if you desaturate by 10%, it is **214.4000, -43.5500, -36.7500**.

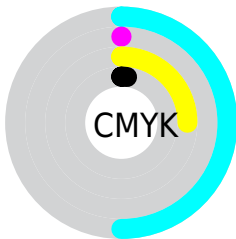
Distribution



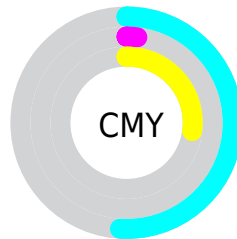
- Red (49%)
- Green (98%)
- Blue (73%)



- Red (49%)
- Yellow (82%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4430, -54.2770, -46.0930 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 205.4430, -54.2770, -46.0930 by changing the saturation by 10% instead.

■ 205.4430,
-54.2770, -46.0930

■ 205.4430,
-54.2770, -46.0930

■ 255.0000, -0.0000,
-0.0000

■ 176.3720,
-55.5150, -45.6830

■ 232.4030,
-38.4640, -18.7840

■ 147.4040,
-58.5410, -45.9090

■ 242.7410,
-24.4360, -8.6920

■ 114.8480,
-68.7190, -48.6790

■ 251.7110, -6.5560,
-2.3320

■ 90.5820, -64.9140,
-46.0500

■ 72.5840, -50.0600,
-39.9160

■ 54.8140, -35.8480,
-33.1600

■ 38.2180, -22.1860,

-27.4500

■ 23.4800, -11.0000,
-20.9200

■ 0.0000, 0.0000,
0.0000

■ 205.4430,
-54.2770, -46.0930

■ 205.4430,
-54.2770, -46.0930

■ 196.4860,
-65.0040, -55.4360

■ 214.4000,
-43.5500, -36.7500

■ 187.6430,
-76.0520, -64.4680


■ 223.2430,
-32.5020, -27.7180


■ 178.6860,
-86.7790, -73.8110


■ 232.2000,
-21.7750, -18.3750

■ 169.8430,
-97.8270, -82.8430

■ 241.0430,
-10.7270, -9.3430

 160.8860,
-108.5540, -92.1860

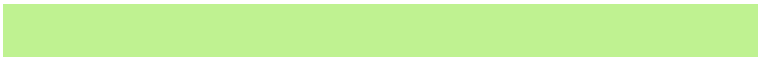
 250.0000, 0.0000,
0.0000

 252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



215.6930, 0.7410, -40.9790



205.4430, -54.2770, -46.0930



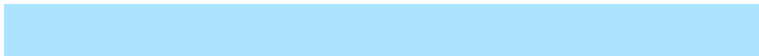
175.7570, -146.2940, -57.9900

Triad

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



205.4430, -54.2770, -46.0930



213.7470, -41.7680, -2.9520



209.1610, 45.0230, 4.5350

Complementary

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



205.4430, -54.2770, -46.0930



169.5570, 54.2770, 46.0930

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.



209.8230, 32.1360, 23.3360



205.4430, -54.2770, -46.0930



225.6170, 9.3490, 23.3090

Square

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



205.4430, -54.2770, -46.0930



188.1670, -114.4330, -35.1770



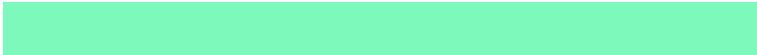
218.0190, 17.3250, 32.9490



214.6770, 51.5370, -14.4070

Rectangle

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



205.4430, -54.2770, -46.0930



176.9940, -151.1550, -52.4910



218.0190, 17.3250, 32.9490



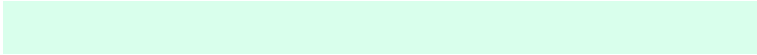
208.4090, 41.6290, 10.9810

Sweetspot

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



205.4430, -54.2770, -46.0930



241.4720, -16.5490, -13.9650



217.8100, 4.3650, -51.5950



119.7550, -9.8560, -8.6080



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.



205.4430, -54.2770, -46.0930



200.4750, -66.4710, -56.3830



212.3970, -73.8580, -27.1220



120.4290, -5.8220, -4.6220



121.6590, -82.1490, -69.6130



39.2270, -26.4050, -22.5730

Inverse Universe

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



169.5570, 54.2770, 46.0930



156.5250, 66.4710, 56.3830



162.6030, 73.8580, 27.1220



116.6850, 5.5010, 4.9330



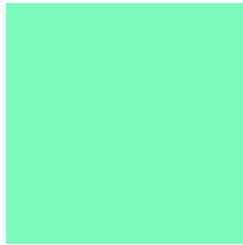
67.3410, 82.1490, 69.6130



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 205.4430, -54.2770, -46.0930 looks on a white background.

Color Contrast Check

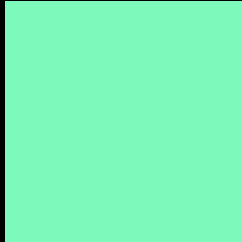
Large Text (above 18pt) WCAG AA × Fail

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 205.4430, -54.2770, -46.0930 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 205.4430, -54.2770, -46.0930 Background



This preview shows how black text looks on a background with the YIQ color 205.4430, -54.2770, -46.0930.



This preview shows how white text looks on a background with the YIQ color 205.4430, -54.2770, -46.0930.

-46.0930.

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

205.4430, -54.2770, -46.0930

Protanopia

223.7850, 24.9900, -12.3700

Deuteranopia

226.0820, 29.0680, 1.8360



Tritanopia

216.6160, -51.9450, -11.2490

Trichromacy



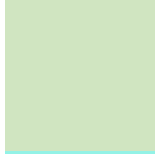
Original Color

205.4430, -54.2770, -46.0930



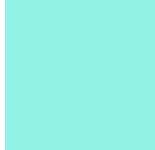
Protanomaly

216.9660, -3.8010, -24.7370



Deuteranomaly

218.6170, -0.9600, -15.6480



Tritanomaly

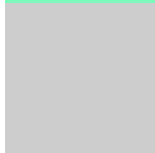
212.2270, -52.7680, -23.8720

Monochromacy



Original Color

205.4430, -54.2770, -46.0930



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.9230, -19.4370, -16.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4430, -54.2770, -46.0930 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(125, 250, 187)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 187)  
}
```

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(125, 250, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 187) }
```

Border

The CSS property to change the border of an element to YIQ 205.4430, -54.2770, -46.0930 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(125, 250, 187) }
```


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

```
.border{ border-color:rgb(125, 250, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 250, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 187);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4430, -54.2770, -46.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 187) }
```

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

```
.background{ background-color: rgb(125,  
250, 187) }
```

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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