

Converting Colors

YIQ(188.8340, -46.6270,
-8.5070)

Have a look what the booklet for
YIQ(188.8340, -46.6270, -8.5070)
contains.

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Color

**YIQ(188.8340, -46.6270,
-8.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	8BCFE2
RGB	139, 207, 226
RGB Percent	55%, 81%, 89%
CMY	0.4550, 0.1881, 0.1139
CMYK	0.38, 0.08, 0.00, 0.11
HSL	193°, 60%, 72%
HSV	193°, 38%, 89%
XYZ	46.6813, 55.6134, 80.1890
YIQ	188.8340, -46.6270, -8.5070

Conversions

Conversions Part 2

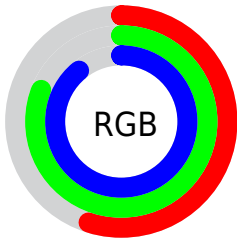
Format	Color
RYB	139, 177, 226
Decimal	9162722
CIELab	79.39, -16.69, -16.14
CIELCh	79, 23.216, 224.050
Yxy	55.6134, 0.2558, 0.3048
Android (android.graphics.Color)	4287352802 (0xFF8BCFE2)
YUV	188.8340, 18.3228, -43.7044
Hunter-Lab	74.5744, -18.7696, -11.5518

Details

The YIQ color $188.8340, -46.6270, -8.5070$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $176.1660, 46.6270, 8.5070$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.0600, -35.7600, -12.7200$, and $134.4210, -46.9020, -9.0300$ is the 20% darker color. If you saturate the color by 10%, you get $179.0220, -58.9600, -10.7680$, and if you desaturate by 10%, it is $198.6460, -34.2940, -6.2460$.

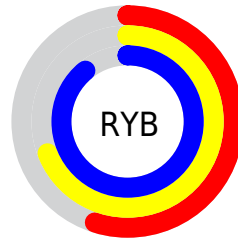
Distribution



Red (55%)

Green (81%)

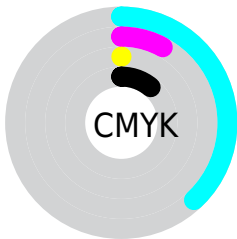
Blue (89%)



Red (55%)

Yellow (69%)

Blue (89%)

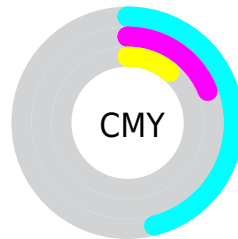


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (46%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8340, -46.6270, -8.5070 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 188.8340, -46.6270, -8.5070 by changing the saturation by 10% instead.

■ 188.8340,
-46.6270, -8.5070

■ 188.8340,
-46.6270, -8.5070

■ 255.0000, -0.0000,
-0.0000

■ 160.8340,
-46.6270, -8.5070

■ 237.0600,
-35.7600, -12.7200

■ 134.4210,
-46.9020, -9.0300

■ 245.7310,
-18.4760, -6.5720

■ 107.4100,
-48.3690, -9.9770

■ 254.7010, -0.5960,
-0.2120

■ 79.3170, -52.5410,
-11.4610

■ 55.9150, -51.3490,
-11.0370

■ 39.6780, -37.3200,
-6.4720

■ 24.8430, -24.4830,

-2.3310

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 188.8340,
-46.6270, -8.5070

■ 188.8340,
-46.6270, -8.5070

■ 179.0220,
-58.9600, -10.7680

■ 198.6460,
-34.2940, -6.2460

■ 169.5090,
-70.6970, -12.8170

■ 208.1590,
-22.5570, -4.1970

■ 159.6970,
-83.0300, -15.0780

■ 217.9710,
-10.2240, -1.9360

■ 150.1840,
-94.7670, -17.1270

■ 227.4840, 1.5130,
0.1130

■ 140.3720,
-107.1000, -19.3880

■ 237.2960, 13.8460,
2.3740

■ 131.1470,
-119.7080, -22.1720

■ 241.1280, 14.2590,
0.3950

■ 129.6630,
-121.2210, -22.2850

■ 243.4760, 13.1590,
-1.6970

■ 246.4110, 11.7840,
-4.3120

■ 249.3460, 10.4090,
-6.9270

Harmonies

Analogous

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



187.7280, -40.7570, -15.7730



188.8340, -46.6270, -8.5070



192.6490, -38.3760, 1.6560

Triad

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



188.8340, -46.6270, -8.5070



200.9140, 21.4540, 18.6860



195.1800, 16.5080, -12.8360

Complementary

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



188.8340, -46.6270, -8.5070



176.1660, 46.6270, 8.5070

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.



196.8770, 30.9030, -3.8890



188.8340, -46.6270, -8.5070



199.6240, 33.8340, 14.5860

Square

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



188.8340, -46.6270, -8.5070



200.0350, 2.0600, 17.7400



198.9090, 37.0450, 5.9490



192.3670, -3.2520, -18.1640

Rectangle

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



188.8340, -46.6270, -8.5070



195.7970, -26.8690, 7.8750



198.9090, 37.0450, 5.9490



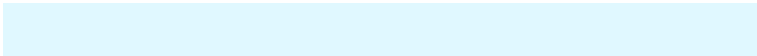
195.3980, 21.8260, -10.0940

Sweetspot

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



188.8340, -46.6270, -8.5070



241.6220, -16.5510, -2.9110



192.2350, -30.0240, -39.5920



120.2700, -9.6280, -1.7240



0.0000, 0.0000, 0.0000



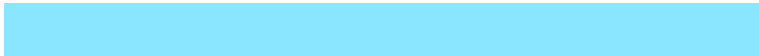
128.0000, -0.0000, -0.0000

Same Dimension

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



188.8340, -46.6270, -8.5070



204.7550, -62.5820, -11.2060



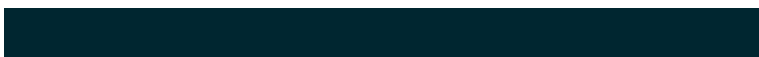
163.5930, -34.8020, 13.9820



107.5370, -6.0060, -1.2860



101.0700, -94.4460, -17.4380



27.7780, -25.8580, -4.9460

Inverse Universe

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



172.7650, 30.0240, 39.5920



183.3570, 40.5210, 53.1050



201.4070, 34.8020, -13.9820



105.3150, 3.6670, 5.1310



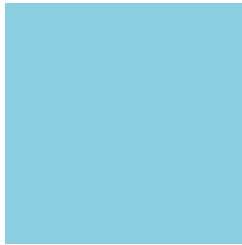
68.3560, 60.5980, 80.2300



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 188.8340, -46.6270, -8.5070 looks on a white background.

Color Contrast Check

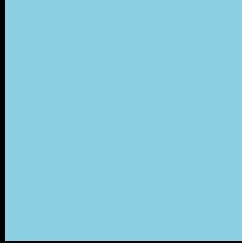
Large Text (above 18pt) WCAG AA × Fail

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 188.8340, -46.6270, -8.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

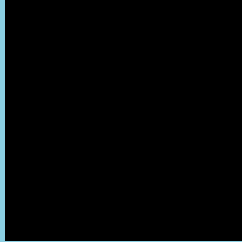
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8340, -46.6270, -8.5070

Background



This preview shows how black text looks on a background with the YIQ color 188.8340, -46.6270, -8.5070.



This preview shows how white text looks on a background with the YIQ color 188.8340, -46.6270, -8.5070.

-8.5070.

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

188.8340, -46.6270, -8.5070

Protanopia

196.4370, -8.3000, 7.2520

Deuteranopia

197.7240, -7.4300, 13.5140



Tritanopia

188.3070, -46.5810, -9.3410

Trichromacy



Original Color

188.8340, -46.6270, -8.5070

Protanomaly

193.7340, -22.5580, 1.3300

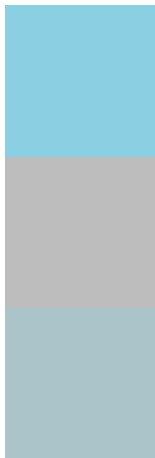
Deuteranomaly

194.5540, -21.8710, 5.4010

Tritanomaly

188.4210, -46.9020, -9.0300

Monochromacy



Original Color

188.8340, -46.6270, -8.5070

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.2090, -16.8260, -3.4340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8340, -46.6270, -8.5070 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(139, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(139, 207, 226)  
}
```

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(139, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 207, 226) }
```

Border

The CSS property to change the border of an element to YIQ 188.8340, -46.6270, -8.5070 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(139, 207, 226) }
```


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

```
.border{ border-color:rgb(139, 207, 226) }
```

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

Here you see how a box with a 4 pixel rgb(139, 207, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(139, 207,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8340, -46.6270, -8.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 207, 226) }
```

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

```
.background{ background-color: rgb(139,  
207, 226) }
```

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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