

Converting Colors

YIQ(205.5280, -63.6810,
-18.8250)

Have a look what the booklet for
YIQ(205.5280, -63.6810, -18.8250)
contains.

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Color

**YIQ(205.5280, -63.6810,
-18.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	85EBF4
RGB	133, 235, 244
RGB Percent	52%, 92%, 96%
CMY	0.4786, 0.0782, 0.0434
CMYK	0.46, 0.04, 0.00, 0.04
HSL	185°, 83%, 74%
HSV	185°, 46%, 96%
XYZ	55.7030, 70.9505, 96.2942
YIQ	205.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

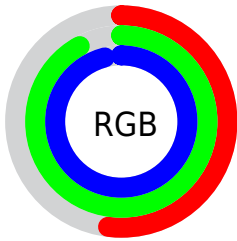
Format	Color
R _Y B	133, 186, 244
Decimal	8776692
CIE Lab	87.46, -27.53, -13.59
CIE LCh	87, 30.702, 206.280
Yxy	70.9505, 0.2498, 0.3182
Android (android.graphics.Color)	4286966772 (0xFF85EBF4)
YUV	205.5280, 18.9667, -63.6071
Hunter-Lab	84.2321, -29.3635, -8.8179

Details

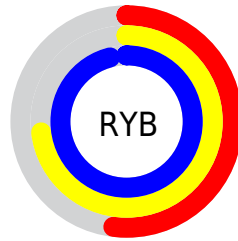
The YIQ color **205.5280, -63.6810, -18.8250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **171.4720, 63.6810, 18.8250**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1630, -37.5480, -13.3560**, and **148.3320, -66.0650, -19.6730** is the 20% darker color. If you saturate the color by 10%, you get **197.1780, -77.4350, -22.8670**, and if you desaturate by 10%, it is **213.8780, -49.9270, -14.7830**.

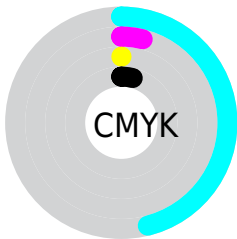
Distribution



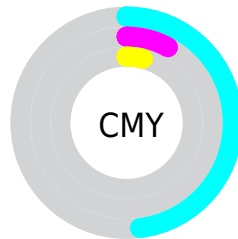
- Red (52%)
- Green (92%)
- Blue (96%)



- Red (52%)
- Yellow (73%)
- Blue (96%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (48%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.5280, -63.6810, -18.8250 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 205.5280, -63.6810, -18.8250 by changing the saturation by 10% instead.

■ 205.5280,
-63.6810, -18.8250

■ 205.5280,
-63.6810, -18.8250

■ 255.0000, -0.0000,
-0.0000

■ 176.9300,
-64.8730, -19.2490

■ 236.1630,
-37.5480, -13.3560

■ 148.3320,
-66.0650, -19.6730

■ 244.8340,
-20.2640, -7.2080

■ 118.3420,
-72.0250, -21.7930

■ 253.8040, -2.3840,
-0.8480

■ 89.3520, -77.9850,
-23.9130

■ 71.1260, -62.4890,
-18.4010

■ 54.3020, -48.1850,
-13.3130

■ 38.1790, -34.4770,

-8.4370

■ 23.9310, -21.9150,
-4.8190

■ 2.8670, -6.6950,
5.6970

■ 205.5280,
-63.6810, -18.8250

■ 205.5280,
-63.6810, -18.8250

■ 197.1780,
-77.4350, -22.8670

■ 213.8780,
-49.9270, -14.7830

■ 188.5290,
-91.7850, -27.1210

■ 222.5270,
-35.5770, -10.5290

■ 180.1790,
-105.5390, -31.1630

■ 230.8770,
-21.8230, -6.4870

■ 171.5300,
-119.8890, -35.4170

■ 239.5260, -7.4730,
-2.2330

■ 163.1800,
-133.6430, -39.4590

■ 247.8760, 6.2810,
1.8090

■ 159.3040,
-139.9240, -41.2680

■ 249.0500, 5.7310,
0.7630

■ 250.2240, 5.1810,
-0.2830

■ 251.3980, 4.6310,
-1.3290

■ 252.5720, 4.0810,
-2.3750

Harmonies

Analogous

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



206.8920, -44.5150, -24.7630



205.5280, -63.6810, -18.8250



207.7230, -59.5560, -10.9800

Triad

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



205.5280, -63.6810, -18.8250



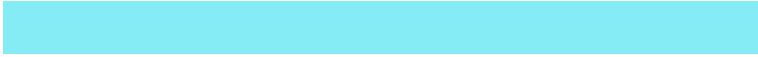
224.1230, 13.7960, 25.3160



218.1020, 34.3430, -11.1690

Complementary

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



205.5280, -63.6810, -18.8250



171.4720, 63.6810, 18.8250

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.



216.7750, 40.1180, -0.1860



205.5280, -63.6810, -18.8250



218.0070, 25.6260, 20.1700

Square

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



205.5280, -63.6810, -18.8250



219.5820, -9.9060, 14.3340



215.2880, 34.6600, 10.6280



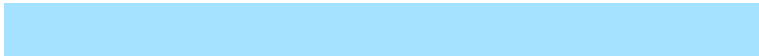
214.6860, 11.7870, -20.8930

Rectangle

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



205.5280, -63.6810, -18.8250



211.0670, -45.6650, -3.9130



215.2880, 34.6600, 10.6280



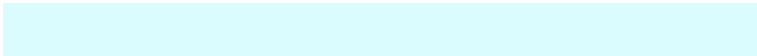
219.2600, 39.8900, -7.0700

Sweetspot

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



205.5280, -63.6810, -18.8250



242.4750, -20.6310, -6.0630



198.9550, -32.7720, -55.8760



120.2480, -12.5620, -3.6180



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.



205.5280, -63.6810, -18.8250



206.6830, -80.4150, -23.9270



173.8300, -48.8310, 9.4170



117.8250, -6.8770, -2.0210



121.5810, -106.7310, -31.5870



38.4240, -33.7890, -9.8930

Inverse Universe

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



177.8170, 33.4140, 55.2540



171.5660, 42.0310, 69.7990



203.1700, 48.8310, -9.4170



114.8420, 3.6210, 5.9650



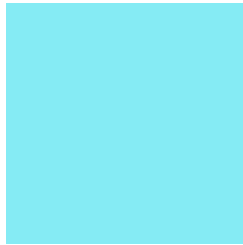
75.1080, 55.9650, 92.6130



23.7970, 17.8300, 29.3020

Previews

White Background



This preview shows how the YIQ color 205.5280, -63.6810, -18.8250 looks on a white background.

Color Contrast Check

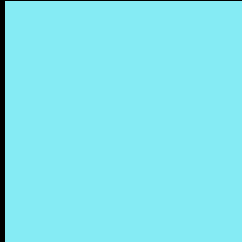
Large Text (above 18pt) WCAG AA × Fail

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 205.5280, -63.6810, -18.8250 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 205.5280, -63.6810, -18.8250 Background



This preview shows how black text looks on a background with the YIQ color 205.5280, -63.6810, -18.8250.



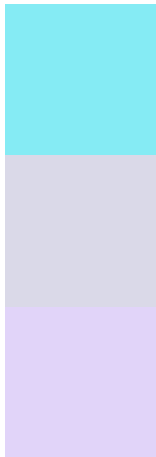
This preview shows how white text looks on a background with the YIQ color 205.5280, -63.6810, -18.8250.

-18.8250.

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

205.5280, -63.6810, -18.8250

Protanopia

219.0090, -4.2190, 4.8770

Deuteranopia

220.1050, -4.1290, 14.2630



Tritanopia

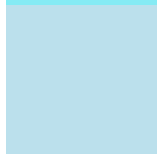
206.8640, -64.5070, -14.8670

Trichromacy



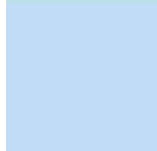
Original Color

205.5280, -63.6810, -18.8250



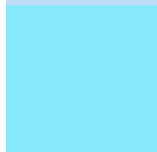
Protanomaly

214.3050, -25.9040, -4.1120



Deuteranomaly

214.7060, -25.3550, 2.4610



Tritanomaly

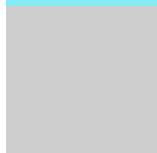
206.2230, -64.1400, -16.0120

Monochromacy



Original Color

205.5280, -63.6810, -18.8250



Achromatopsia

206.0000, -0.0000, 0.0000



Achromatomaly

205.9800, -23.6110, -7.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.5280, -63.6810, -18.8250 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(133, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(133, 235, 244)  
}
```

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(133, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 235, 244) }
```

Border

The CSS property to change the border of an element to YIQ 205.5280, -63.6810, -18.8250 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(133, 235, 244) }
```


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

```
.border{ border-color:rgb(133, 235, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 235, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 235, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 235, 244);  
box-shadow:4px 4px 4px 4px rgb(133, 235,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 205.5280, -63.6810, -18.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 235, 244) }
```

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

```
.background{ background-color: rgb(133,  
235, 244) }
```

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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