

Converting Colors

YIQ(185.5800, -69.4590,
-13.2270)

Have a look what the booklet for
YIQ(185.5800, -69.4590, -13.2270)
contains.

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Color

**YIQ(185.5800, -69.4590,
-13.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD5F0
RGB	111, 213, 240
RGB Percent	44%, 84%, 94%
CMY	0.5649, 0.1645, 0.0591
CMYK	0.54, 0.11, 0.00, 0.06
HSL	193°, 81%, 69%
HSV	193°, 54%, 94%
XYZ	46.0703, 57.2727, 91.0057
YIQ	185.5800, -69.4590, -13.2270

Conversions

Conversions Part 2

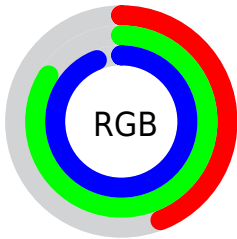
Format	Color
R _Y B	111, 168, 240
Decimal	7329264
CIE Lab	80.33, -22.46, -22.30
CIE LCh	80, 31.655, 224.794
Yxy	57.2727, 0.2370, 0.2947
Android (android.graphics.Color)	4285519344 (0xFF6FD5F0)
YUV	185.5800, 26.8291, -65.4067
Hunter-Lab	75.6787, -23.7738, -18.3228

Details

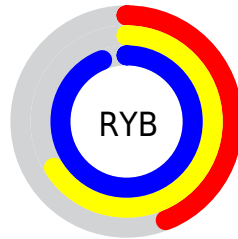
The YIQ color **185.5800, -69.4590, -13.2270** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **165.4200, 69.4590, 13.2270**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.8840, -50.0640, -17.8080**, and **126.5790, -76.8860, -16.2940** is the 20% darker color. If you saturate the color by 10%, you get **175.4690, -82.3880, -15.7000**, and if you desaturate by 10%, it is **195.6910, -56.5300, -10.7540**.

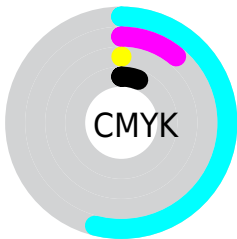
Distribution



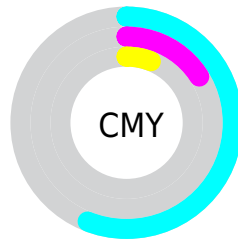
- Red (44%)
- Green (84%)
- Blue (94%)



- Red (44%)
- Yellow (66%)
- Blue (94%)



- Cyan (54%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.5800, -69.4590, -13.2270 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 185.5800, -69.4590, -13.2270 by changing the saturation by 10% instead.

■ 185.5800,
-69.4590, -13.2270

■ 185.5800,
-69.4590, -13.2270

■ 255.0000, -0.0000,
-0.0000

■ 156.6830,
-71.2470, -13.8630

■ 229.8840,
-50.0640, -17.8080

■ 126.5790,
-76.8860, -16.2940

■ 238.8540,
-32.1840, -11.4480

■ 95.3820, -86.6970,
-20.2090

■ 247.8240,
-14.3040, -5.0880

■ 77.7430, -71.4760,
-15.2200

■ 60.2180, -56.5760,
-9.9200

■ 43.8670, -42.2260,
-5.6660

■ 28.3310, -28.7930,

-1.3130

■ 7.1530, -13.2520,
8.8920

■ 2.0690, -4.4480,
3.5200

■ 185.5800,
-69.4590, -13.2270

■ 185.5800,
-69.4590, -13.2270

■ 175.4690,
-82.3880, -15.7000

■ 195.6910,
-56.5300, -10.7540

■ 165.3580,
-95.3170, -18.1730

■ 205.8020,
-43.6010, -8.2810

■ 155.2470,
-108.2460, -20.6460

■ 215.9130,
-30.6720, -5.8080

■ 145.1360,
-121.1750, -23.1190

■ 226.0240,
-17.7430, -3.3350

■ 138.8900,
-129.2900, -24.7300

■ 236.1350, -4.8140,
-0.8620

■ 246.2460, 8.1150,
1.6110

■ 249.1810, 6.7400,
-1.0040

■ 252.1160, 5.3650,
-3.6190

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

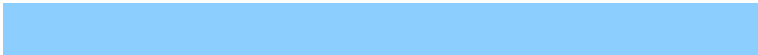
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184.5620, -61.0210, -22.9810



185.5800, -69.4590, -13.2270



192.4390, -55.3400, 0.7240

Triad

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



185.5800, -69.4590, -13.2270



203.8490, 29.2470, 26.1350



196.3560, 21.6440, -17.8120

Complementary

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



185.5800, -69.4590, -13.2270



165.4200, 69.4590, 13.2270

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.



198.9720, 40.7610, -6.3350



185.5800, -69.4590, -13.2270



201.9350, 43.3240, 18.8120

Square

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



185.5800, -69.4590, -13.2270



203.6210, 3.5260, 24.2140



201.1940, 49.4240, 7.3760



192.5960, -5.6350, -24.5390

Rectangle

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



185.5800, -69.4590, -13.2270



196.7020, -36.7270, 10.3210



201.1940, 49.4240, 7.3760



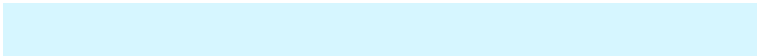
197.3570, 29.0710, -14.7450

Sweetspot

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



185.5800, -69.4590, -13.2270



237.4580, -21.9610, -3.9850



189.6870, -43.8210, -59.3810



117.0030, -13.2500, -2.1620



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.



185.5800, -69.4590, -13.2270



184.8210, -89.3110, -16.8870



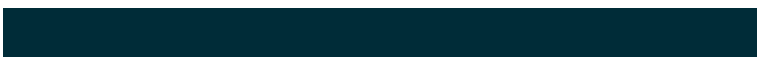
148.5990, -52.1340, 19.7220



114.6510, -6.3270, -0.9750



106.0910, -98.9390, -18.6110



32.2120, -30.0760, -5.5960

Inverse Universe

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



161.1990, 44.1420, 59.0700



153.5680, 56.8850, 75.9330



202.4010, 52.1340, -19.7220



112.6140, 4.2630, 5.3430



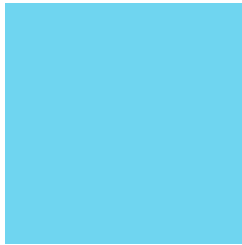
71.5460, 63.1190, 84.1030



21.7600, 19.2520, 25.5560

Previews

White Background



This preview shows how the YIQ color 185.5800, -69.4590, -13.2270 looks on a white background.

Color Contrast Check

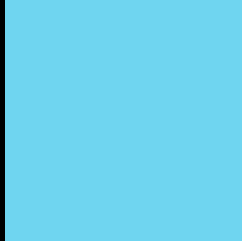
Large Text (above 18pt) WCAG AA × Fail

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 185.5800, -69.4590, -13.2270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

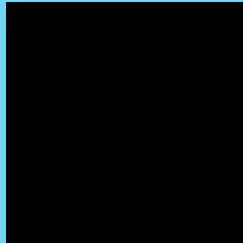
Any Text WCAG AA ✓ Pass

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 185.5800, -69.4590, -13.2270 Background



This preview shows how black text looks on a background with the YIQ color 185.5800, -69.4590, -13.2270.



This preview shows how white text looks on a background with the YIQ color 185.5800, -69.4590, -13.2270.

-13.2270.

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

185.5800, -69.4590, -13.2270

Protanopia

198.5660, -12.9770, 9.4150

Deuteranopia

199.7000, -16.0500, 15.5500



Tritanopia

184.3580, -68.9540, -16.8740

Trichromacy



Original Color

185.5800, -69.4590, -13.2270

Protanomaly

193.8730, -33.1950, 1.3730

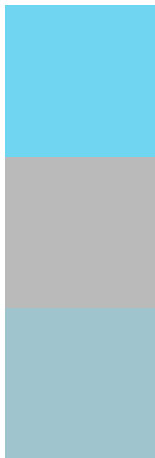
Deuteranomaly

194.7250, -35.5340, 5.2180

Tritanomaly

184.9990, -69.3210, -15.7290

Monochromacy



Original Color

185.5800, -69.4590, -13.2270

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0770, -25.2620, -4.7340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.5800, -69.4590, -13.2270 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(111, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(111, 213, 240)  
}
```

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(111, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 213, 240) }
```

Border

The CSS property to change the border of an element to YIQ 185.5800, -69.4590, -13.2270 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(111, 213, 240) }
```


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

```
.border{ border-color:rgb(111, 213, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 213, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(111, 213,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 185.5800, -69.4590, -13.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 213, 240) }
```

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

```
.background{ background-color: rgb(111,  
213, 240) }
```

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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