

Converting Colors

YIQ(180.2800, -59.1460, 3.6220)

Have a look what the booklet for
YIQ(180.2800, -59.1460, 3.6220)
contains.

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Color

**YIQ(180.2800, -59.1460,
3.6220)**

Conversions

Conversions Part 1

Format	Color
Hex	7EC2FC
RGB	126, 194, 252
RGB Percent	49%, 76%, 99%
CMY	0.5060, 0.2391, 0.0120
CMYK	0.50, 0.23, 0.00, 0.01
HSL	208°, 95%, 74%
HSV	208°, 50%, 99%
XYZ	45.4570, 50.0533, 99.3016
YIQ	180.2800, -59.1460, 3.6220

Conversions

Conversions Part 2

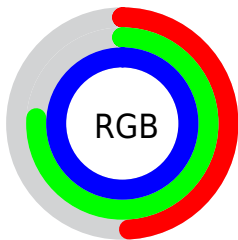
Format	Color
RYB	126, 170, 252
Decimal	8307452
CIELab	76.10, -5.98, -35.16
CIELCh	76, 35.661, 260.349
Yxy	50.0533, 0.2333, 0.2569
Android (android.graphics.Color)	4286497532 (0xFF7EC2FC)
YUV	180.2800, 35.3580, -47.6036
Hunter-Lab	70.7484, -9.1203, -33.6949

Details

The YIQ color **180.2800, -59.1460, 3.6220** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **197.7200, 59.1460, -3.6220**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.8360, -40.9410, -12.4370**, and **124.4320, -62.6300, 0.6820** is the 20% darker color. If you saturate the color by 10%, you get **165.7610, -70.7460, 4.5980**, and if you desaturate by 10%, it is **194.7990, -47.5460, 2.6460**.

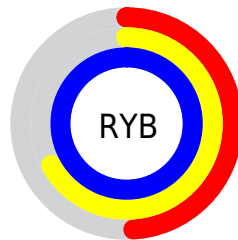
Distribution



Red (49%)

Green (76%)

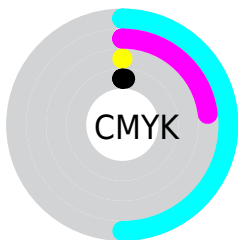
Blue (99%)



Red (49%)

Yellow (67%)

Blue (99%)

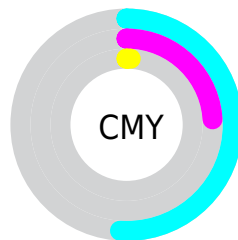


Cyan (50%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (24%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.2800, -59.1460, 3.6220 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 180.2800, -59.1460, 3.6220 by changing the saturation by 10% instead.

■ 180.2800,
-59.1460, 3.6220

■ 180.2800,
-59.1460, 3.6220

■ 255.0000, -0.0000,
-0.0000

■ 152.1550,
-60.2920, 2.3640

■ 230.8360,
-40.9410, -12.4370

■ 124.4320,
-62.6300, 0.6820

■ 242.7410,
-24.4360, -8.6920

■ 94.4310, -70.0570,
-2.3850

■ 251.7110, -6.5560,
-2.3320

■ 69.4910, -70.2860,
-3.7420

■ 52.4390, -55.3400,
0.7240

■ 37.2620, -41.5400,
3.9320

■ 22.9000, -28.6570,

7.2390

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 180.2800,
-59.1460, 3.6220

■ 180.2800,
-59.1460, 3.6220

■ 165.7610,
-70.7460, 4.5980

■ 194.7990,
-47.5460, 2.6460

■ 151.8290,
-82.6210, 5.0510

■ 208.7310,
-35.6710, 2.1930

■ 137.0110,
-94.8170, 5.8150

■ 223.5490,
-23.4750, 1.4290

■ 123.0790,
-106.6920, 6.2680

■ 237.4810,
-11.6000, 0.9760

■ 108.5600,
-118.2920, 7.2440

■ 252.0000, 0.0000,
0.0000

254.6580, 0.9630,
-0.9330

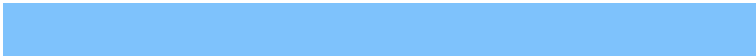
Harmonies

Analogous

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



170.1100, -82.7550, -14.5550



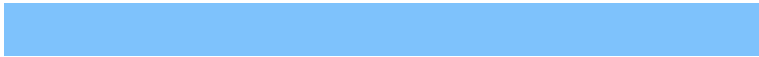
180.2800, -59.1460, 3.6220



188.7300, -24.7620, 19.2540

Triad

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



180.2800, -59.1460, 3.6220



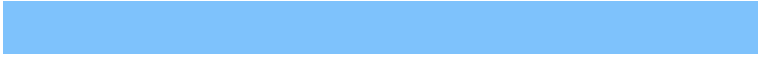
190.8390, 52.4020, 19.4900



179.3670, -12.4200, -28.2280

Complementary

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



180.2800, -59.1460, 3.6220



197.7200, 59.1460, -3.6220

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.



183.4540, 18.2520, -22.4200



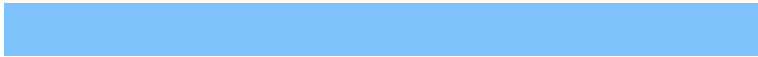
180.2800, -59.1460, 3.6220



188.7660, 53.5050, 5.0010

Square

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



180.2800, -59.1460, 3.6220



192.3230, 36.7200, 28.3680



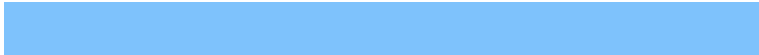
186.6360, 41.5870, -10.2930



173.1750, -46.9900, -29.4700

Rectangle

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



180.2800, -59.1460, 3.6220



191.7500, -1.1510, 26.3770



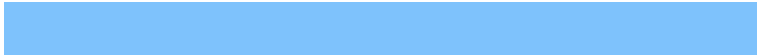
186.6360, 41.5870, -10.2930



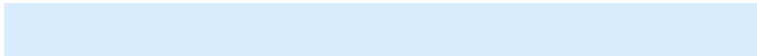
180.4670, -0.9580, -26.7020

Sweetspot

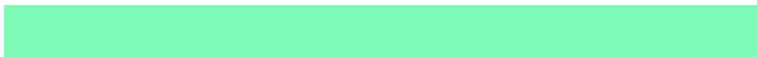
The Sweet Spot groups the original color and five complimentary colors.



180.2800, -59.1460, 3.6220



233.0720, -17.6980, 1.3580



206.4600, -52.9470, -48.1710



114.6660, -10.6830, 0.8770



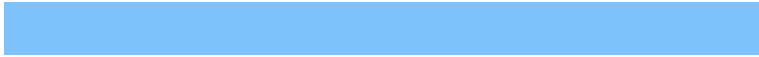
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



180.2800, -59.1460, 3.6220



168.1630, -71.9380, 4.1740



143.8860, -42.0960, 36.0480



117.5910, -6.0980, 0.3820



81.4200, -88.7190, 5.4330



26.3250, -28.6560, 1.7120

Inverse Universe

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



171.4260, 53.2680, 47.8600



157.2090, 64.5450, 58.2490



234.1140, 42.0960, -36.0480



116.6850, 5.5010, 4.9330



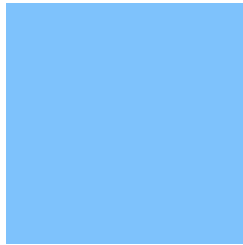
68.1390, 79.9020, 71.7900



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 180.2800, -59.1460, 3.6220 looks on a white background.

Color Contrast Check

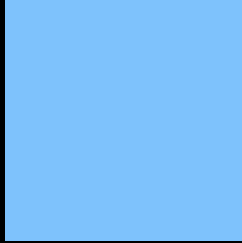
Large Text (above 18pt) WCAG AA × Fail

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 180.2800, -59.1460, 3.6220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

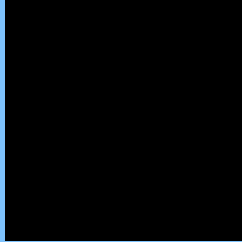
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

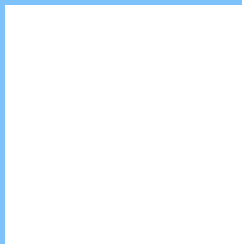
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.2800, -59.1460, 3.6220

Background



This preview shows how black text looks on a background with the YIQ color 180.2800, -59.1460, 3.6220.

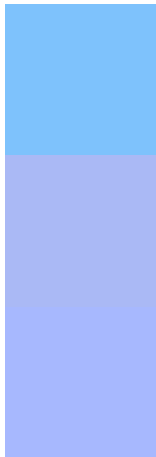


This preview shows how white text looks on a background with the YIQ color 180.2800, -59.1460,

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

180.2800, -59.1460, 3.6220

Protanopia

187.3550, -28.2000, 15.4800

Deuteranopia

186.8970, -32.6020, 18.1660



Tritanopia

176.2240, -56.7130, -12.9450

Trichromacy



Original Color

180.2800, -59.1460, 3.6220

Protanomaly

184.6740, -39.5240, 11.4520

Deuteranomaly

184.6460, -42.3210, 12.5830

Tritanomaly

177.7280, -57.9520, -7.0080

Monochromacy



Original Color

180.2800, -59.1460, 3.6220

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.9190, -21.6410, 1.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.2800, -59.1460, 3.6220 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(126, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(126, 194, 252)  
}
```

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(126, 194, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 194, 252) }
```

Border

The CSS property to change the border of an element to YIQ 180.2800, -59.1460, 3.6220 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(126, 194, 252) }
```


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

```
.border{ border-color:rgb(126, 194, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 194, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(126, 194,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 180.2800, -59.1460, 3.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 194, 252) }
```

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

```
.background{ background-color: rgb(126,  
194, 252) }
```

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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