

Converting Colors

YIQ(188.5520, -63.0880,
-2.0320)

Have a look what the booklet for
YIQ(188.5520, -63.0880, -2.0320)
contains.

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Color

**YIQ(188.5520, -63.0880,
-2.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCFFF
RGB	127, 207, 255
RGB Percent	50%, 81%, 100%
CMY	0.5021, 0.1881, 0.0003
CMYK	0.50, 0.19, 0.00, 0.00
HSL	202°, 100%, 75%
HSV	202°, 50%, 100%
XYZ	49.1055, 56.3662, 102.8375
YIQ	188.5520, -63.0880, -2.0320

Conversions

Conversions Part 2

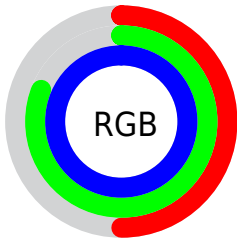
Format	Color
R_{YB}	127, 176, 255
Decimal	8376319
CIE _{Lab}	79.82, -11.82, -31.02
CIE _{LCh}	80, 33.193, 249.141
Yxy	56.3662, 0.2357, 0.2706
Android (android.graphics.Color)	4286566399 (0xFF7FCFFF)
YUV	188.5520, 32.7589, -53.9811
Hunter-Lab	75.0774, -14.6349, -28.6585

Details

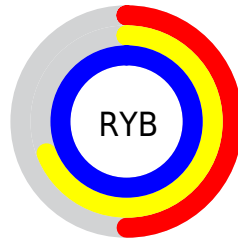
The YIQ color **188.5520, -63.0880, -2.0320** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **193.4480, 63.0880, 2.0320**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, -41.1240, -14.6280**, and **132.1170, -66.2970, -4.4490** is the 20% darker color. If you saturate the color by 10%, you get **174.9080, -75.8340, -2.3140**, and if you desaturate by 10%, it is **201.8970, -50.9380, -1.9620**.

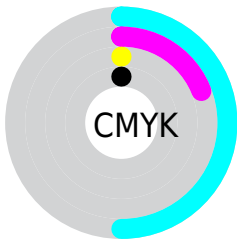
Distribution



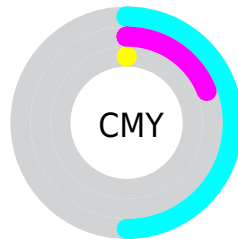
- Red (50%)
- Green (81%)
- Blue (100%)



- Red (50%)
- Yellow (69%)
- Blue (100%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5520, -63.0880, -2.0320 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 188.5520, -63.0880, -2.0320 by changing the saturation by 10% instead.

■ 188.5520,
-63.0880, -2.0320

■ 188.5520,
-63.0880, -2.0320

■ 255.0000, -0.0000,
-0.0000

■ 160.4270,
-64.2340, -3.2900

■ 234.3690,
-41.1240, -14.6280

■ 132.1170,
-66.2970, -4.4490

■ 243.0400,
-23.8400, -8.4800

■ 101.5180,
-74.9160, -7.9400

■ 252.3090, -5.3640,
-1.9080

■ 76.2900, -74.2740,
-8.5620

■ 59.2380, -59.3280,
-4.0960

■ 42.8870, -44.9780,
0.1580

■ 27.8240, -31.4990,

3.6770

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,
7.2520

■ 188.5520,
-63.0880, -2.0320

■ 188.5520,
-63.0880, -2.0320

■ 174.9080,
-75.8340, -2.3140

■ 201.8970,
-50.9380, -1.9620

■ 162.1500,
-88.2590, -2.9070

■ 214.9540,
-37.9170, -1.1570

■ 148.5060,
-101.0050, -3.1890

■ 228.2990,
-25.7670, -1.0870

■ 135.7480,
-113.4300, -3.7820

■ 241.3560,
-12.7460, -0.2820

■ 122.9900,
-125.8550, -4.3750

254.7010, -0.5960,
-0.2120

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



181.8350, -74.7310, -16.8030



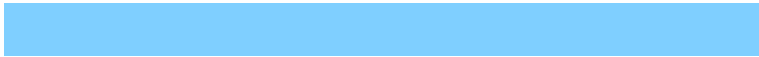
188.5520, -63.0880, -2.0320



196.7240, -33.7930, 12.2150

Triad

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



188.5520, -63.0880, -2.0320



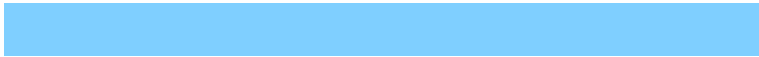
200.5160, 43.1860, 21.3140



191.7060, -0.1330, -25.1330

Complementary

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



188.5520, -63.0880, -2.0320



193.4480, 63.0880, 2.0320

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.



195.1070, 26.7790, -17.2610



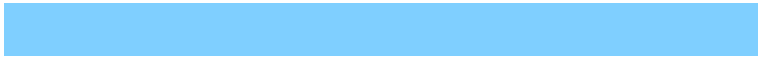
188.5520, -63.0880, -2.0320



199.5580, 51.3950, 10.2030

Square

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



188.5520, -63.0880, -2.0320



202.9350, 26.1290, 27.5770



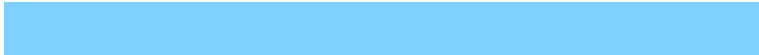
198.1790, 44.6120, -4.5400



186.8410, -31.3100, -27.2940

Rectangle

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



188.5520, -63.0880, -2.0320



200.3570, -13.3460, 21.6140



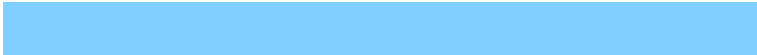
198.1790, 44.6120, -4.5400



192.8490, 9.7700, -22.8860

Sweetspot

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



188.5520, -63.0880, -2.0320



235.4200, -18.7980, -0.7340



207.4940, -50.2870, -52.3270



115.8400, -11.2330, -0.1690



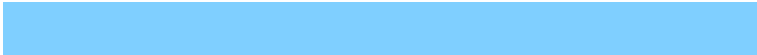
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



188.5520, -63.0880, -2.0320



175.7940, -75.5130, -2.6250



151.5710, -45.7630, 30.9170



121.1780, -6.3730, -0.1410



92.2140, -94.3110, -3.3590



30.7760, -31.5440, -1.0160

Inverse Universe

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



174.3920, 50.6080, 52.0160



158.6910, 60.3720, 62.2920



230.4290, 45.7630, -30.9170



119.7990, 5.1800, 5.2440



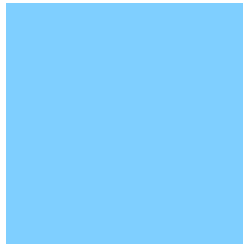
70.7890, 75.3160, 77.8120



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 188.5520, -63.0880, -2.0320 looks on a white background.

Color Contrast Check

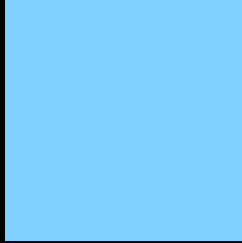
Large Text (above 18pt) WCAG AA × Fail

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 188.5520, -63.0880, -2.0320 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

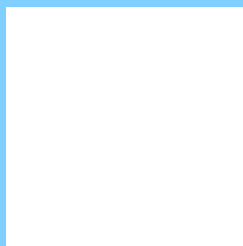
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.5520, -63.0880, -2.0320

Background



This preview shows how black text looks on a background with the YIQ color 188.5520, -63.0880, -2.0320.



This preview shows how white text looks on a background with the YIQ color 188.5520, -63.0880, -2.0320.

-2.0320.

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

188.5520, -63.0880, -2.0320

Protanopia

197.5250, -22.9270, 13.5290

Deuteranopia

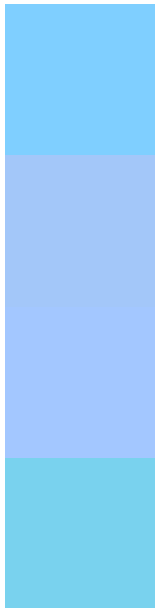
197.9640, -25.5410, 16.8510



Tritanopia

185.8320, -61.4810, -14.6410

Trichromacy



Original Color

188.5520, -63.0880, -2.0320

Protanomaly

193.9360, -37.5060, 7.9180

Deuteranomaly

194.6200, -39.4320, 9.7840

Tritanomaly

186.5810, -62.0320, -10.1600

Monochromacy



Original Color

188.5520, -63.0880, -2.0320

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9680, -23.3370, -1.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5520, -63.0880, -2.0320 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(127, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 207, 255)  
}
```

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(127, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 207, 255) }
```

Border

The CSS property to change the border of an element to YIQ 188.5520, -63.0880, -2.0320 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(127, 207, 255) }
```


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

```
.border{ border-color:rgb(127, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(127, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5520, -63.0880, -2.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 207, 255) }
```

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

```
.background{ background-color: rgb(127,  
207, 255) }
```

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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