

Converting Colors

YIQ(183.6720, -63.5460,
-4.7460)

Have a look what the booklet for
YIQ(183.6720, -63.5460, -4.7460)
contains.

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Color

**YIQ(183.6720, -63.5460,
-4.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	78CCF6
RGB	120, 204, 246
RGB Percent	47%, 80%, 96%
CMY	0.5296, 0.1998, 0.0356
CMYK	0.51, 0.17, 0.00, 0.04
HSL	200°, 87%, 72%
HSV	200°, 51%, 96%
XYZ	45.9643, 53.8418, 95.1003
YIQ	183.6720, -63.5460, -4.7460

Conversions

Conversions Part 2

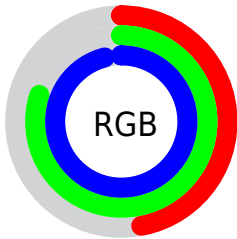
Format	Color
R _Y B	120, 170, 246
Decimal	7916790
CIE Lab	78.37, -14.30, -28.47
CIE LCh	78, 31.863, 243.327
Yxy	53.8418, 0.2358, 0.2762
Android (android.graphics.Color)	4286106870 (0xFF78CCF6)
YUV	183.6720, 30.7277, -55.8403
Hunter-Lab	73.3770, -16.5951, -25.4789

Details

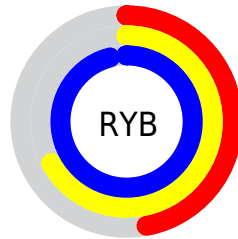
The YIQ color **183.6720, -63.5460, -4.7460** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **182.3280, 63.5460, 4.7460**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.2760, -45.2960, -16.1120**, and **127.0520, -67.6720, -7.0640** is the 20% darker color. If you saturate the color by 10%, you get **171.5010, -76.2460, -5.8620**, and if you desaturate by 10%, it is **195.8430, -50.8460, -3.6300**.

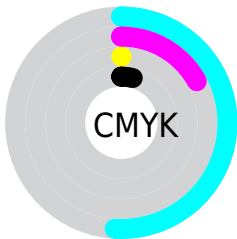
Distribution



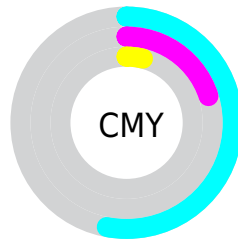
- Red (47%)
- Green (80%)
- Blue (96%)



- Red (47%)
- Yellow (67%)
- Blue (96%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.6720, -63.5460, -4.7460 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 183.6720, -63.5460, -4.7460 by changing the saturation by 10% instead.

■ 183.6720,
-63.5460, -4.7460

■ 183.6720,
-63.5460, -4.7460

■ 255.0000, -0.0000,
-0.0000

■ 155.5470,
-64.6920, -6.0040

■ 232.2760,
-45.2960, -16.1120

■ 127.0520,
-67.6720, -7.0640

■ 240.9470,
-28.0120, -9.9640

■ 93.6480, -81.3340,
-12.7740

■ 249.9170,
-10.1320, -3.6040

■ 73.6170, -70.8810,
-9.4810

■ 56.5650, -55.9350,
-5.0150

■ 40.3280, -41.9060,
-0.4500

■ 25.8520, -28.7020,

2.5460

■ 6.4350, -13.9860,
11.1820

■ 2.6390, -6.0530,
5.0750

■ 183.6720,
-63.5460, -4.7460

■ 183.6720,
-63.5460, -4.7460

■ 171.5010,
-76.2460, -5.8620

■ 195.8430,
-50.8460, -3.6300

■ 159.6290,
-88.3500, -6.7660

■ 207.7150,
-38.7420, -2.7260

■ 147.4580,
-101.0500, -7.8820

■ 220.4730,
-26.3170, -2.1330

■ 134.9990,
-112.8790, -8.2630

■ 232.3450,
-14.2130, -1.2290

■ 124.3120,
-124.0660, -9.2660

■ 244.5160, -1.5130,
-0.1130

■ 252.8000, 3.4390,
-1.7530

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



178.2330, -70.1000, -18.1320



183.6720, -63.5460, -4.7460



191.9190, -38.8360, 9.9960

Triad

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



183.6720, -63.5460, -4.7460



197.9010, 40.6640, 22.9680



188.8100, 5.5060, -22.7020

Complementary

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



183.6720, -63.5460, -4.7460



182.3280, 63.5460, 4.7460

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.



192.0690, 29.9420, -14.0100



183.6720, -63.5460, -4.7460



196.6550, 49.7440, 12.5920

Square

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



183.6720, -63.5460, -4.7460



198.7710, 20.7190, 26.5030



194.4720, 45.3450, -1.3030



184.3750, -24.0660, -26.4180

Rectangle

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



183.6720, -63.5460, -4.7460



195.7260, -18.9390, 18.3490



194.4720, 45.3450, -1.3030



189.7680, 14.4920, -20.3560

Sweetspot

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



183.6720, -63.5460, -4.7460



236.0070, -19.0730, -1.2570



198.5220, -47.4900, -53.4580



116.4270, -11.5080, -0.6920



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.



183.6720, -63.5460, -4.7460



177.8320, -78.6760, -5.8760



147.8650, -46.7710, 27.1570



116.0640, -6.0520, -0.4520



93.9920, -93.8060, -7.0060



29.6190, -29.6640, -2.0480

Inverse Universe

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



167.2500, 48.1320, 52.8360



157.5000, 59.5920, 65.4160



218.1350, 46.7710, -27.1570



114.5000, 4.5840, 5.0320



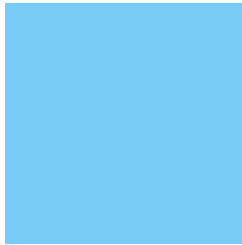
69.7500, 71.0520, 77.9960



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 183.6720, -63.5460, -4.7460 looks on a white background.

Color Contrast Check

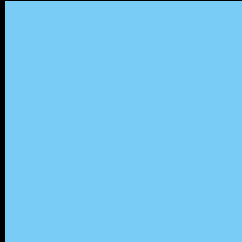
Large Text (above 18pt) WCAG AA × Fail

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 183.6720, -63.5460, -4.7460 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

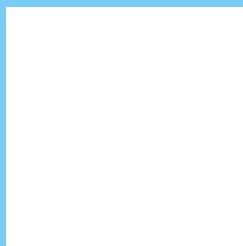
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 183.6720, -63.5460, -4.7460

Background



This preview shows how black text looks on a background with the YIQ color 183.6720, -63.5460, -4.7460.



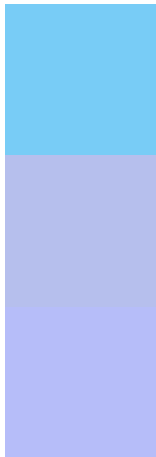
This preview shows how white text looks on a background with the YIQ color 183.6720, -63.5460, -4.7460.

-4.7460.

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

183.6720, -63.5460, -4.7460

Protanopia

193.5530, -20.1300, 12.3980

Deuteranopia

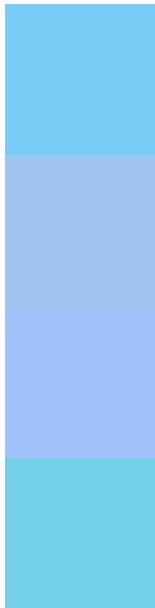
193.7470, -23.4320, 17.1760



Tritanopia

181.5330, -62.0770, -14.8530

Trichromacy



Original Color

183.6720, -63.5460, -4.7460

Protanomaly

189.9530, -36.1760, 5.8400

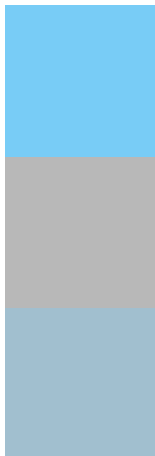
Deuteranomaly

189.6910, -38.1940, 9.3740

Tritanomaly

182.7550, -62.5820, -11.2060

Monochromacy



Original Color

183.6720, -63.5460, -4.7460

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.8540, -23.0160, -1.3840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.6720, -63.5460, -4.7460 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(120, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(120, 204, 246)  
}
```

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(120, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 204, 246) }
```

Border

The CSS property to change the border of an element to YIQ 183.6720, -63.5460, -4.7460 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(120, 204, 246) }
```


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

```
.border{ border-color:rgb(120, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(120, 204,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 183.6720, -63.5460, -4.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 204, 246) }
```

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

```
.background{ background-color: rgb(120,  
204, 246) }
```

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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