

Converting Colors

YIQ(184.5700, -63.4990,
-11.1070)

Have a look what the booklet for
YIQ(184.5700, -63.4990, -11.1070)
contains.

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Color

**YIQ(184.5700, -63.4990,
-11.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	75D1EC
RGB	117, 209, 236
RGB Percent	46%, 82%, 93%
CMY	0.5414, 0.1802, 0.0748
CMYK	0.50, 0.11, 0.00, 0.07
HSL	194°, 76%, 69%
HSV	194°, 50%, 93%
XYZ	45.2694, 55.4504, 87.6209
YIQ	184.5700, -63.4990, -11.1070

Conversions

Conversions Part 2

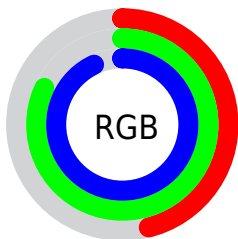
Format	Color
R _{YB}	117, 169, 236
Decimal	7721452
CIE _{Lab}	79.30, -20.30, -21.72
CIE _{LCh}	79, 29.729, 226.930
Yxy	55.4504, 0.2404, 0.2944
Android (android.graphics.Color)	4285911532 (0xFF75D1EC)
YUV	184.5700, 25.3550, -59.2589
Hunter-Lab	74.4650, -21.7986, -17.6394

Details

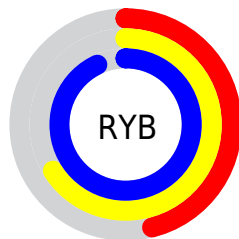
The YIQ color **184.5700, -63.4990, -11.1070** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **168.4300, 63.4990, 11.1070**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **231.3790, -47.0840, -16.7480**, and **127.0640, -67.9460, -13.1140** is the 20% darker color. If you saturate the color by 10%, you get **174.4590, -76.4280, -13.5800**, and if you desaturate by 10%, it is **194.6810, -50.5700, -8.6340**.

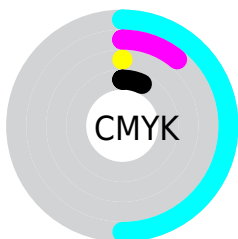
Distribution



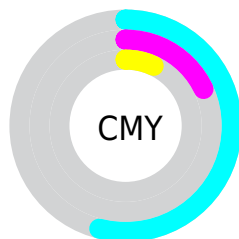
- Red (46%)
- Green (82%)
- Blue (93%)



- Red (46%)
- Yellow (66%)
- Blue (93%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5700, -63.4990, -11.1070 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 184.5700, -63.4990, -11.1070 by changing the saturation by 10% instead.

■ 184.5700,
-63.4990, -11.1070

■ 184.5700,
-63.4990, -11.1070

■ 255.0000, -0.0000,
-0.0000

■ 155.9720,
-64.6910, -11.5310

■ 231.3790,
-47.0840, -16.7480

■ 127.0640,
-67.9460, -13.1140

■ 240.0500,
-29.8000, -10.6000

■ 92.8770, -83.7170,
-19.1490

■ 249.0200,
-11.9200, -4.2400

■ 74.9390, -69.0920,
-14.3720

■ 58.0010, -54.4670,
-9.5950

■ 41.7640, -40.4380,
-5.0300

■ 26.2280, -27.0050,

-0.6770

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,
2.4880

■ 184.5700,
-63.4990, -11.1070

■ 184.5700,
-63.4990, -11.1070

■ 174.4590,
-76.4280, -13.5800

■ 194.6810,
-50.5700, -8.6340

■ 164.0600,
-88.4860, -15.3180

■ 205.0800,
-38.5120, -6.8960

■ 153.9490,
-101.4150, -17.7910

■ 215.1910,
-25.5830, -4.4230

■ 144.1370,
-113.7480, -20.0520

■ 225.0030,
-13.2500, -2.1620

■ 134.3250,
-126.0810, -22.3130

■ 235.7010, -0.5960,
-0.2120

■ 244.6160, 9.9490,
1.4130

■ 247.5510, 8.5740,
-1.2020

■ 251.0730, 6.9240,
-4.3400

■ 252.8340, 6.0990,
-5.9090

Harmonies

Analogous

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



183.2960, -57.2160, -20.3520



184.5700, -63.4990, -11.1070



191.0160, -49.6550, 2.3210

Triad

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



184.5700, -63.4990, -11.1070



200.7950, 29.3390, 24.4670



193.5020, 18.2970, -17.7270

Complementary

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



184.5700, -63.4990, -11.1070



168.4300, 63.4990, 11.1070

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.



196.5910, 37.4600, -7.0840



184.5700, -63.4990, -11.1070



200.2940, 43.6910, 17.6670

Square

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



184.5700, -63.4990, -11.1070



200.4640, 5.4060, 23.1820



198.2860, 46.1690, 5.7930



190.0520, -6.9190, -23.2950

Rectangle

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



184.5700, -63.4990, -11.1070



195.3820, -32.8300, 11.2820



198.2860, 46.1690, 5.7930



194.5030, 25.7240, -14.6600

Sweetspot

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



184.5700, -63.4990, -11.1070



238.3550, -20.1730, -3.3490



189.8170, -41.0710, -54.1510



117.6010, -12.0580, -1.7380



0.0000, 0.0000, 0.0000



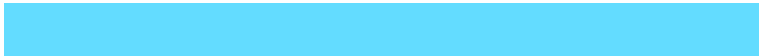
128.0000, -0.0000, -0.0000

Same Dimension

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



184.5700, -63.4990, -11.1070



187.8110, -83.3510, -14.7670



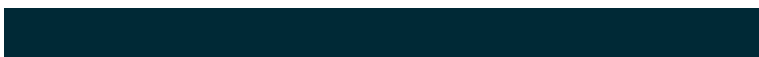
150.5240, -47.5490, 19.2270



112.5370, -6.0060, -1.2860



102.8140, -96.6010, -16.9290



30.2230, -28.6090, -4.6490

Inverse Universe

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



163.0690, 41.3920, 53.8400



159.4380, 54.1350, 70.7030



202.4760, 47.5490, -19.2270



110.3150, 3.6670, 5.1310



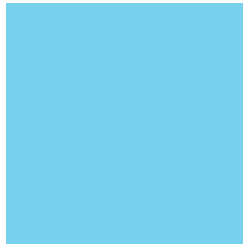
70.0790, 62.9360, 81.9120



20.8200, 19.0230, 24.1990

Previews

White Background



This preview shows how the YIQ color 184.5700, -63.4990, -11.1070 looks on a white background.

Color Contrast Check

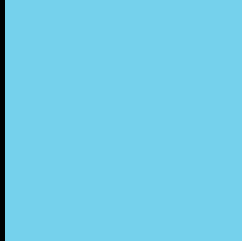
Large Text (above 18pt) WCAG AA × Fail

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 184.5700, -63.4990, -11.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

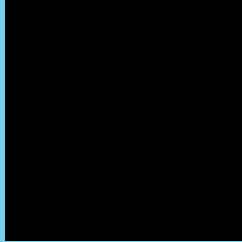
Any Text WCAG AA ✓ Pass

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 184.5700, -63.4990, -11.1070 Background



This preview shows how black text looks on a background with the YIQ color 184.5700, -63.4990, -11.1070.



This preview shows how white text looks on a background with the YIQ color 184.5700, -63.4990, -11.1070.

-11.1070.

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

184.5700, -63.4990, -11.1070

Protanopia

196.4520, -12.6560, 9.1040

Deuteranopia

196.8850, -15.1330, 15.4510



Tritanopia

183.2340, -62.6730, -15.0650

Trichromacy



Original Color

184.5700, -63.4990, -11.1070

Protanomaly

191.7700, -31.4070, 2.0090

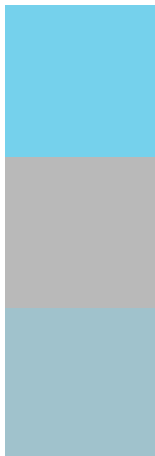
Deuteranomaly

192.8070, -32.8290, 5.7550

Tritanomaly

183.8750, -63.0400, -13.9200

Monochromacy



Original Color

184.5700, -63.4990, -11.1070

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.9740, -23.4740, -4.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5700, -63.4990, -11.1070 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(117, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(117, 209, 236)  
}
```

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(117, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 209, 236) }
```

Border

The CSS property to change the border of an element to YIQ 184.5700, -63.4990, -11.1070 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(117, 209, 236) }
```


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

```
.border{ border-color:rgb(117, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(117, 209,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5700, -63.4990, -11.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 209, 236) }
```

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

```
.background{ background-color: rgb(117,  
209, 236) }
```

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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