

Converting Colors

YIQ(176.3900, -62.8120,
-7.0360)

Have a look what the booklet for
YIQ(176.3900, -62.8120, -7.0360)
contains.

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Color

**YIQ(176.3900, -62.8120,
-7.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	70C6EA
RGB	112, 198, 234
RGB Percent	44%, 78%, 92%
CMY	0.5609, 0.2234, 0.0826
CMYK	0.52, 0.15, 0.00, 0.08
HSL	198°, 74%, 68%
HSV	198°, 52%, 92%
XYZ	41.7197, 49.7829, 85.1989
YIQ	176.3900, -62.8120, -7.0360

Conversions

Conversions Part 2

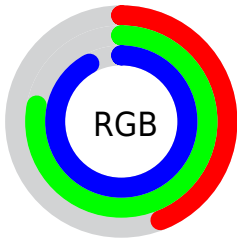
Format	Color
R _Y B	112, 162, 234
Decimal	7390954
CIE Lab	75.94, -16.29, -25.79
CIE LCh	76, 30.500, 237.726
Yxy	49.7829, 0.2361, 0.2817
Android (android.graphics.Color)	4285581034 (0xFF70C6EA)
YUV	176.3900, 28.4017, -56.4700
Hunter-Lab	70.5570, -17.9294, -22.2039

Details

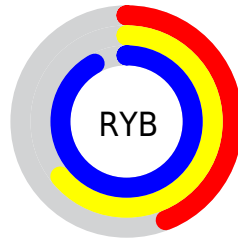
The YIQ color $176.3900, -62.8120, -7.0360$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $169.6100, 62.8120, 7.0360$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.8840, -50.0640, -17.8080$, and $119.1720, -68.1300, -9.7780$ is the 20% darker color. If you saturate the color by 10%, you get $165.4040, -74.5950, -8.2510$, and if you desaturate by 10%, it is $187.3760, -51.0290, -5.8210$.

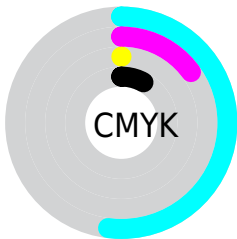
Distribution



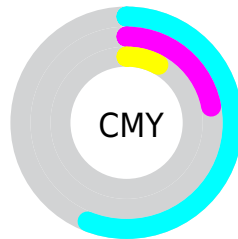
- Red (44%)
- Green (78%)
- Blue (92%)



- Red (44%)
- Yellow (64%)
- Blue (92%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (56%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3900, -62.8120, -7.0360 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 176.3900, -62.8120, -7.0360 by changing the saturation by 10% instead.

■ 176.3900,
-62.8120, -7.0360

■ 176.3900,
-62.8120, -7.0360

■ 255.0000, -0.0000,
-0.0000

■ 148.3790,
-64.2790, -7.9830

■ 229.8840,
-50.0640, -17.8080

■ 119.1720,
-68.1300, -9.7780

■ 238.5550,
-32.7800, -11.6600

■ 86.4800, -80.9210,
-14.7530

■ 247.5250,
-14.9000, -5.3000

■ 69.4280, -65.9750,
-10.2870

■ 52.4900, -51.3500,
-5.5100

■ 36.2530, -37.3210,
-0.9450

■ 22.4780, -24.7130,

1.8390

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 176.3900,
-62.8120, -7.0360

■ 176.3900,
-62.8120, -7.0360

■ 165.4040,
-74.5950, -8.2510

■ 187.3760,
-51.0290, -5.8210

■ 154.1190,
-86.9740, -9.6780

■ 198.6610,
-38.6500, -4.3940

■ 143.1330,
-98.7570, -10.8930

■ 209.6470,
-26.8670, -3.1790

■ 132.4350,
-111.4110, -12.8430

■ 220.9320,
-14.4880, -1.7520

■ 123.5310,
-120.4890, -13.5210

■ 231.3310, -2.4300,
-0.0140

■ 242.3170, 9.3530,
1.2010

■ 247.3230, 9.2160,
-1.8240

■ 251.4320, 7.2910,
-5.4850

■ 252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



172.3430, -64.5980, -18.7260



176.3900, -62.8120, -7.0360



183.4840, -42.0450, 7.5790

Triad

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



176.3900, -62.8120, -7.0360



191.4490, 36.1250, 22.6290



182.7290, 10.2280, -20.1720

Complementary

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



176.3900, -62.8120, -7.0360



169.6100, 62.8120, 7.0360

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.



186.0200, 31.6380, -11.7060



176.3900, -62.8120, -7.0360



189.7410, 46.6260, 14.0340

Square

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



176.3900, -62.8120, -7.0360



191.8950, 14.4380, 24.6940



188.1670, 44.8860, 1.5100



179.1370, -17.4640, -24.9200

Rectangle

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



176.3900, -62.8120, -7.0360



187.8070, -23.6610, 15.8190



188.1670, 44.8860, 1.5100



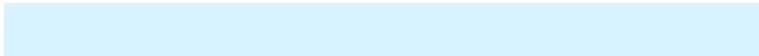
184.0890, 18.0220, -18.2500

Sweetspot

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



176.3900, -62.8120, -7.0360



235.6970, -21.1360, -2.4160



187.6040, -44.7850, -52.9210



115.8290, -12.7000, -1.1160



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.



176.3900, -62.8120, -7.0360



179.2720, -83.0310, -9.5510



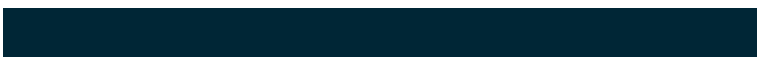
141.1700, -46.3120, 24.3440



111.9500, -5.7310, -0.7630



95.7700, -93.3010, -10.6530



28.4620, -27.7840, -3.0800

Inverse Universe

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



158.2820, 45.1060, 52.6100



155.1350, 59.3620, 69.5860



204.8300, 46.3120, -24.3440



110.2010, 3.9880, 4.8200



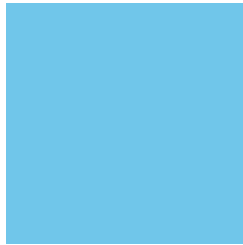
68.7110, 66.7880, 78.1800



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 176.3900, -62.8120, -7.0360 looks on a white background.

Color Contrast Check

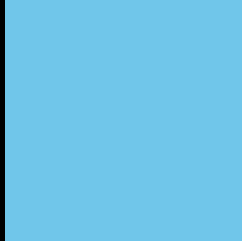
Large Text (above 18pt) WCAG AA × Fail

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 176.3900, -62.8120, -7.0360 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 176.3900, -62.8120, -7.0360

Background



This preview shows how black text looks on a background with the YIQ color 176.3900, -62.8120, -7.0360.



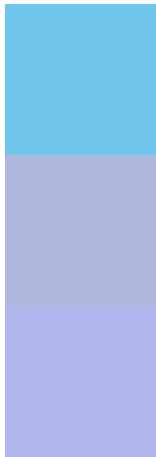
This preview shows how white text looks on a background with the YIQ color 176.3900, -62.8120, -7.0360.

-7.0360.

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

176.3900, -62.8120, -7.0360

Protanopia

186.4670, -17.0120, 10.9560

Deuteranopia

187.3620, -20.9100, 15.5220



Tritanopia

174.4190, -61.7560, -15.1640

Trichromacy



Original Color

176.3900, -62.8120, -7.0360

Protanomaly

182.6820, -33.9750, 4.4970

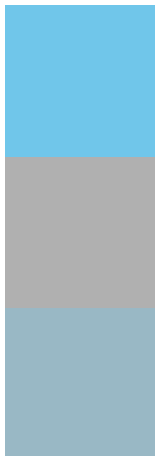
Deuteranomaly

183.0070, -36.2680, 7.5080

Tritanomaly

175.1140, -62.2150, -12.3510

Monochromacy



Original Color

176.3900, -62.8120, -7.0360

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.2130, -22.6490, -2.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3900, -62.8120, -7.0360 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(112, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(112, 198, 234)  
}
```

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(112, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 198, 234) }
```

Border

The CSS property to change the border of an element to YIQ 176.3900, -62.8120, -7.0360 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(112, 198, 234) }
```


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

```
.border{ border-color:rgb(112, 198, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 198, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 198, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 198, 234);  
box-shadow:4px 4px 4px 4px rgb(112, 198,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3900, -62.8120, -7.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 198, 234) }
```

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

```
.background{ background-color: rgb(112,  
198, 234) }
```

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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