

Converting Colors

YIQ(177.9010, -65.9290,
-11.1210)

Have a look what the booklet for
YIQ(177.9010, -65.9290, -11.1210)
contains.

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Color

**YIQ(177.9010, -65.9290,
-11.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	6CCBE8
RGB	108, 203, 232
RGB Percent	42%, 80%, 91%
CMY	0.5767, 0.2038, 0.0905
CMYK	0.53, 0.12, 0.00, 0.09
HSL	194°, 73%, 67%
HSV	194°, 53%, 91%
XYZ	42.0985, 51.7377, 84.0575
YIQ	177.9010, -65.9290, -11.1210

Conversions

Conversions Part 2

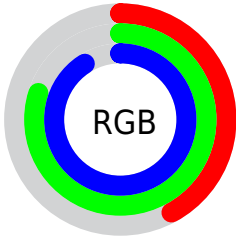
Format	Color
RYB	108, 162, 232
Decimal	7130088
CIELab	77.12, -20.26, -22.91
CIELCh	77, 30.586, 228.517
Yxy	51.7377, 0.2366, 0.2908
Android (android.graphics.Color)	4285320168 (0xFF6CCBE8)
YUV	177.9010, 26.6708, -61.3032
Hunter-Lab	71.9289, -21.4033, -18.9372

Details

The YIQ color **177.9010, -65.9290, -11.1210** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **162.0990, 65.9290, 11.1210**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.6880, -52.4480, -18.6560**, and **120.0850, -72.4390, -14.2870** is the 20% darker color. If you saturate the color by 10%, you get **168.0890, -78.2620, -13.3820**, and if you desaturate by 10%, it is **187.7130, -53.5960, -8.8600**.

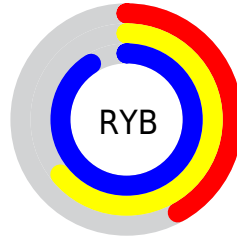
Distribution



Red (42%)

Green (80%)

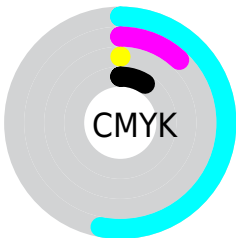
Blue (91%)



Red (42%)

Yellow (64%)

Blue (91%)

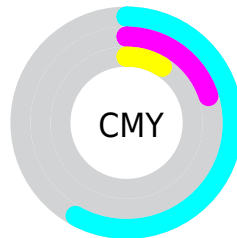


Cyan (53%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (58%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.9010, -65.9290, -11.1210 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 177.9010, -65.9290, -11.1210 by changing the saturation by 10% instead.

■ 177.9010,
-65.9290, -11.1210

■ 177.9010,
-65.9290, -11.1210

■ 255.0000, -0.0000,
-0.0000

■ 149.5910,
-67.9920, -12.2800

■ 228.6880,
-52.4480, -18.6560

■ 119.7860,
-73.0350, -14.4990

■ 237.6580,
-34.5680, -12.2960

■ 89.3010, -81.9750,
-17.6790

■ 246.6280,
-16.6880, -5.9360

■ 71.6620, -66.7540,
-12.6900

■ 54.7240, -52.1290,
-7.9130

■ 38.4870, -38.1000,
-3.3480

■ 24.1250, -25.2170,

-0.0410

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,
0.6220

■ 177.9010,
-65.9290, -11.1210

■ 177.9010,
-65.9290, -11.1210

■ 168.0890,
-78.2620, -13.3820

■ 187.7130,
-53.5960, -8.8600

■ 157.6900,
-90.3200, -15.1200

■ 198.1120,
-41.5380, -7.1220

■ 147.5790,
-103.2490, -17.5930

■ 208.2230,
-28.6090, -4.6490

■ 137.1800,
-115.3070, -19.3310

■ 218.6220,
-16.5510, -2.9110

■ 130.9340,
-123.4220, -20.9420

■ 228.4340, -4.2180,
-0.6500

■ 238.2460, 8.1150,
1.6110

■ 244.1600, 11.2330,
0.1690

■ 247.0950, 9.8580,
-2.4460

■ 250.6170, 8.2080,
-5.5840

Harmonies

Analogous

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



175.9150, -60.5170, -21.1010



177.9010, -65.9290, -11.1210



184.5430, -49.7010, 3.1550

Triad

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



177.9010, -65.9290, -11.1210



195.2790, 30.8520, 24.5800



187.0890, 18.0220, -18.2500

Complementary

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



177.9010, -65.9290, -11.1210



162.0990, 65.9290, 11.1210

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.



190.0640, 37.5060, -7.9180



177.9010, -65.9290, -11.1210



193.7780, 45.2040, 17.7800

Square

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



177.9010, -65.9290, -11.1210



194.4750, 6.8730, 24.1290



192.0580, 46.8110, 5.1710



183.1550, -8.7070, -23.9310

Rectangle

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



177.9010, -65.9290, -11.1210



189.2080, -32.2800, 12.3280



192.0580, 46.8110, 5.1710



188.0900, 25.4490, -15.1830

Sweetspot

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



177.9010, -65.9290, -11.1210



236.8710, -21.6860, -3.4620



183.8660, -42.7670, -56.4550



117.0030, -13.2500, -2.1620



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.



177.9010, -65.9290, -11.1210



183.9570, -86.6980, -14.6820



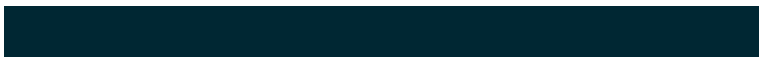
142.6810, -49.4290, 20.2590



109.6510, -6.3270, -0.9750



100.8250, -95.1340, -15.9820



28.7070, -27.0960, -4.5360

Inverse Universe

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



155.9060, 43.4090, 55.8330



154.9870, 57.0230, 73.4310



197.3190, 49.4290, -20.2590



107.6140, 4.2630, 5.3430



69.1390, 62.7070, 80.5550



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 177.9010, -65.9290, -11.1210 looks on a white background.

Color Contrast Check

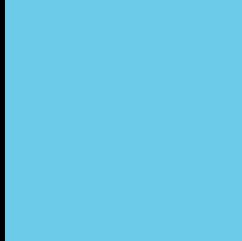
Large Text (above 18pt) WCAG AA × Fail

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 177.9010, -65.9290, -11.1210 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 177.9010, -65.9290, -11.1210 Background



This preview shows how black text looks on a background with the YIQ color 177.9010, -65.9290, -11.1210.



This preview shows how white text looks on a background with the YIQ color 177.9010, -65.9290, -11.1210.

-11.1210.

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

177.9010, -65.9290, -11.1210

Protanopia

190.3810, -13.8940, 9.5140

Deuteranopia

191.1020, -17.2420, 15.1260



Tritanopia

176.6250, -65.3320, -16.4360

Trichromacy



Original Color

177.9010, -65.9290, -11.1210

Protanomaly

185.6990, -32.6450, 2.4190

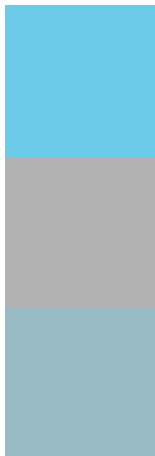
Deuteranomaly

186.1380, -35.2590, 5.7410

Tritanomaly

176.7930, -65.7450, -14.4570

Monochromacy



Original Color

177.9010, -65.9290, -11.1210

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

178.0880, -23.7950, -3.7870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.9010, -65.9290, -11.1210 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(108, 203, 232)` looks like.

```
.text, #text, p{  
    color:rgb(108, 203, 232)  
}
```

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(108, 203, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 203, 232) }
```

Border

The CSS property to change the border of an element to YIQ 177.9010, -65.9290, -11.1210 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(108, 203, 232) }
```


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

```
.border{ border-color:rgb(108, 203, 232) }
```

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

Here you see how a box with a 4 pixel rgb(108, 203, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 203, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 203, 232);  
box-shadow:4px 4px 4px 4px rgb(108, 203,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 177.9010, -65.9290, -11.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 203, 232) }
```

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

```
.background{ background-color: rgb(108,  
203, 232) }
```

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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