

Converting Colors

YIQ(178.4400, -66.2490,
-16.3370)

Have a look what the booklet for
YIQ(178.4400, -66.2490, -16.3370)
contains.

YIQ(178.4400, -66.2490, -16.3370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(178.4400, -66.2490,
-16.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	69CFE0
RGB	105, 207, 224
RGB Percent	41%, 81%, 88%
CMY	0.5884, 0.1881, 0.1218
CMYK	0.53, 0.08, 0.00, 0.12
HSL	189°, 66%, 64%
HSV	189°, 53%, 88%
XYZ	41.5870, 53.0241, 78.5138
YIQ	178.4400, -66.2490, -16.3370

Conversions

Conversions Part 2

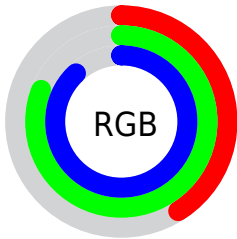
Format	Color
RYB	105, 160, 224
Decimal	6934496
CIELab	77.89, -25.11, -17.47
CIELCh	78, 30.588, 214.825
Yxy	53.0241, 0.2402, 0.3063
Android (android.graphics.Color)	4285124576 (0xFF69CFE0)
YUV	178.4400, 22.4611, -64.4069
Hunter-Lab	72.8177, -25.4876, -12.9555

Details

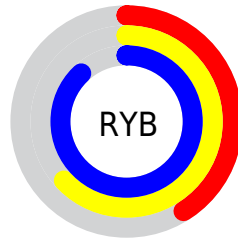
The YIQ color **178.4400, -66.2490, -16.3370** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **150.5600, 66.2490, 16.3370**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.7910, -54.2360, -19.2920**, and **119.5530, -73.9970, -19.0930** is the 20% darker color. If you saturate the color by 10%, you get **170.1010, -78.5360, -19.4320**, and if you desaturate by 10%, it is **186.7790, -53.9620, -13.2420**.

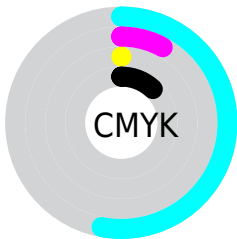
Distribution



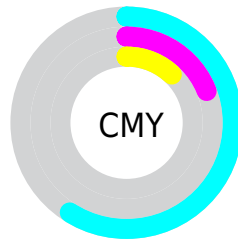
- Red (41%)
- Green (81%)
- Blue (88%)



- Red (41%)
- Yellow (63%)
- Blue (88%)



- Cyan (53%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.4400, -66.2490, -16.3370 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 178.4400, -66.2490, -16.3370 by changing the saturation by 10% instead.

■ 178.4400,
-66.2490, -16.3370

■ 178.4400,
-66.2490, -16.3370

■ 255.0000, -0.0000,
-0.0000

■ 149.5430,
-68.0370, -16.9730

■ 227.7910,
-54.2360, -19.2920

■ 119.5530,
-73.9970, -19.0930

■ 236.7610,
-36.3560, -12.9320

■ 90.1500, -80.2320,
-21.7360

■ 245.7310,
-18.4760, -6.5720

■ 72.6250, -65.3320,
-16.4360

■ 254.7010, -0.5960,
-0.2120

■ 55.6870, -50.7070,
-11.6590

■ 38.8630, -36.4030,
-6.5710

■ 24.6150, -23.8410,

-2.9530

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 178.4400,
-66.2490, -16.3370

■ 178.4400,
-66.2490, -16.3370

■ 170.1010,
-78.5360, -19.4320

■ 186.7790,
-53.9620, -13.2420

■ 161.4630,
-91.4190, -22.7390

■ 195.4170,
-41.0790, -9.9350

■ 153.1240,
-103.7060, -25.8340

■ 204.3430,
-29.0670, -7.3630

■ 143.8990,
-116.3140, -28.6180

■ 212.9810,
-16.1840, -4.0560

■ 138.2400,
-124.7040, -30.7520

■ 221.3200, -3.8970,
-0.9610

■ 229.6590, 8.3900,
2.1340

■ 236.2040, 17.1010,
3.9570

■ 237.9650, 16.2760,
2.3880

■ 240.3130, 15.1760,
0.2960

Harmonies

Analogous

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



179.1240, -50.9800, -23.2360



178.4400, -66.2490, -16.3370



183.6510, -59.0530, -3.5730

Triad

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



178.4400, -66.2490, -16.3370



197.1300, 21.0860, 25.3580



190.4000, 27.5120, -14.0240

Complementary

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



178.4400, -66.2490, -16.3370



150.5600, 66.2490, 16.3370

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.



193.2760, 42.9610, -2.1510



178.4400, -66.2490, -16.3370



196.6620, 39.8390, 21.3990

Square

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



178.4400, -66.2490, -16.3370



195.9510, -6.3310, 21.1330



195.2310, 48.0020, 11.1220



187.4400, 3.6720, -22.5040

Rectangle

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



178.4400, -66.2490, -16.3370



188.5760, -45.3000, 5.9960



195.2310, 48.0020, 11.1220



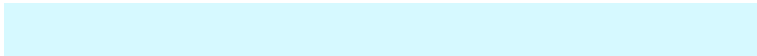
191.6290, 34.2970, -10.3350

Sweetspot

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



178.4400, -66.2490, -16.3370



239.2190, -22.7860, -5.5540



176.6770, -37.8610, -57.2610



118.1770, -13.8000, -3.2080



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.



178.4400, -66.2490, -16.3370



192.7620, -90.8230, -22.5270



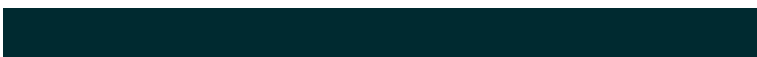
144.3940, -50.2990, 13.9970



108.1240, -6.2810, -1.8090



108.7010, -98.0210, -24.2370



30.1260, -26.9580, -7.0380

Inverse Universe

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



152.2090, 38.1820, 56.9500



156.6970, 52.2080, 78.0960



184.6060, 50.2990, -13.9970



105.4290, 3.3460, 5.4420



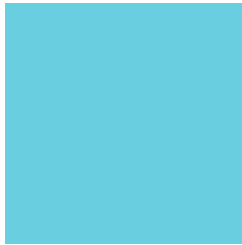
69.8380, 56.4250, 84.2730



19.1400, 15.1260, 23.2380

Previews

White Background



This preview shows how the YIQ color 178.4400, -66.2490, -16.3370 looks on a white background.

Color Contrast Check

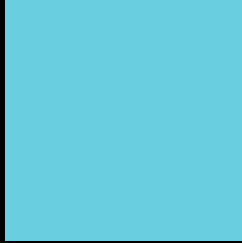
Large Text (above 18pt) WCAG AA × Fail

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 178.4400, -66.2490, -16.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

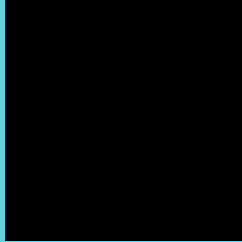
Any Text WCAG AA ✓ Pass

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 178.4400, -66.2490, -16.3370 Background



This preview shows how black text looks on a background with the YIQ color 178.4400, -66.2490, -16.3370.



This preview shows how white text looks on a background with the YIQ color 178.4400, -66.2490, -16.3370.

-16.3370.

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

178.4400, -66.2490, -16.3370

Protanopia

192.0240, -8.5750, 6.7290

Deuteranopia

193.1690, -10.1810, 13.8110



Tritanopia

178.4400, -66.2490, -16.3370

Trichromacy



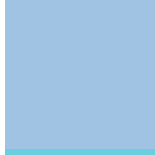
Original Color

178.4400, -66.2490, -16.3370



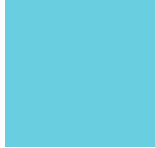
Protanomaly

187.0320, -29.3890, -1.5250



Deuteranomaly

187.5960, -30.8570, 3.0550



Tritanomaly

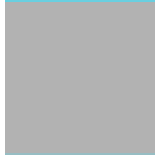
178.4400, -66.2490, -16.3370

Monochromacy



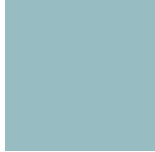
Original Color

178.4400, -66.2490, -16.3370



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.3220, -24.5740, -6.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.4400, -66.2490, -16.3370 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(105, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(105, 207, 224)  
}
```

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(105, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 207, 224) }
```

Border

The CSS property to change the border of an element to YIQ 178.4400, -66.2490, -16.3370 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(105, 207, 224) }
```


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

```
.border{ border-color:rgb(105, 207, 224) }
```

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

Here you see how a box with a 4 pixel rgb(105, 207, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(105, 207,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 178.4400, -66.2490, -16.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 207, 224) }
```

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

```
.background{ background-color: rgb(105,  
207, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor