

Converting Colors

YIQ(167.9340, -70.6960,
-18.3440)

Have a look what the booklet for
YIQ(167.9340, -70.6960, -18.3440)
contains.

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Color

**YIQ(167.9340, -70.6960,
-18.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	59C7D7
RGB	89, 199, 215
RGB Percent	35%, 78%, 84%
CMY	0.6512, 0.2194, 0.1572
CMYK	0.59, 0.07, 0.00, 0.16
HSL	188°, 61%, 60%
HSV	188°, 59%, 84%
XYZ	36.8039, 47.8913, 71.5438
YIQ	167.9340, -70.6960, -18.3440

Conversions

Conversions Part 2

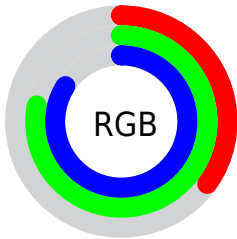
Format	Color
R _Y B	89, 148, 215
Decimal	5883863
CIE Lab	74.76, -26.75, -17.40
CIE LCh	75, 31.914, 213.034
Yxy	47.8913, 0.2356, 0.3065
Android (android.graphics.Color)	4284073943 (0xFF59C7D7)
YUV	167.9340, 23.2035, -69.2251
Hunter-Lab	69.2035, -26.1761, -12.8526

Details

The YIQ color **167.9340, -70.6960, -18.3440** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.0660, 70.6960, 18.3440**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.6050, -62.5800, -22.2600**, and **103.3550, -91.2350, -26.0750** is the 20% darker color. If you saturate the color by 10%, you get **159.5950, -82.9830, -21.4390**, and if you desaturate by 10%, it is **175.9740, -59.0050, -15.4610**.

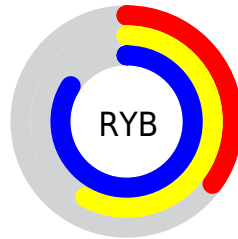
Distribution



Red (35%)

Green (78%)

Blue (84%)



Red (35%)

Yellow (58%)

Blue (84%)

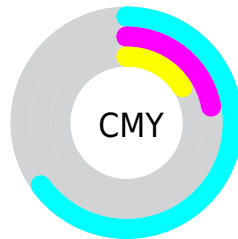


Cyan (59%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (65%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.9340, -70.6960, -18.3440 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 167.9340, -70.6960, -18.3440 by changing the saturation by 10% instead.

■ 167.9340,
-70.6960, -18.3440

■ 167.9340,
-70.6960, -18.3440

■ 255.0000, -0.0000,
-0.0000

■ 138.7270,
-74.5470, -20.1390

■ 223.6050,
-62.5800, -22.2600

■ 103.3550,
-91.2350, -26.0750

■ 232.2760,
-45.2960, -16.1120

■ 85.1290, -75.7390,
-20.5630

■ 241.2460,
-27.4160, -9.7520

■ 67.6040, -60.8390,
-15.2630

■ 250.2160, -9.5360,
-3.3920

■ 50.6660, -46.2140,
-10.4860

■ 34.5430, -32.5060,
-5.6100

■ 20.2950, -19.9440,

-1.9920

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 167.9340,
-70.6960, -18.3440

■ 167.9340,
-70.6960, -18.3440

■ 159.5950,
-82.9830, -21.4390

■ 175.9740,
-59.0050, -15.4610

■ 152.1420,
-94.9490, -24.8450

■ 183.7260,
-46.4430, -11.8430

■ 143.8030,
-107.2360, -27.9400

■ 191.7660,
-34.7520, -8.9600

■ 135.7630,
-118.9270, -30.8230

■ 200.1050,
-22.4650, -5.8650

■ 134.8660,
-120.7150, -31.4590

■ 208.1450,
-10.7740, -2.9820

■ 215.8970, 1.7880,
0.6360

■ 223.9370, 13.4790,
3.5190

■ 230.4820, 22.1900,
5.3420

■ 231.6560, 21.6400,
4.2960

Harmonies

Analogous

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



169.7000, -52.7220, -24.7060



167.9340, -70.6960, -18.3440



173.2590, -63.8210, -5.2690

Triad

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



167.9340, -70.6960, -18.3440



188.4720, 20.1230, 26.2910



182.0690, 29.9420, -14.0100

Complementary

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



167.9340, -70.6960, -18.3440



136.0660, 70.6960, 18.3440

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.



184.4720, 45.3450, -1.3030



167.9340, -70.6960, -18.3440



187.9010, 40.6640, 22.9680

Square

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



167.9340, -70.6960, -18.3440



186.6950, -8.4860, 21.6420



186.3560, 49.1480, 12.3800



178.8100, 5.5060, -22.7020

Rectangle

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



167.9340, -70.6960, -18.3440



178.8960, -49.1970, 5.0350



186.3560, 49.1480, 12.3800



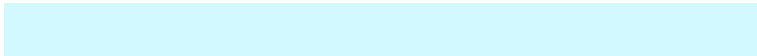
183.1130, 35.8100, -10.2220

Sweetspot

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



167.9340, -70.6960, -18.3440



237.7240, -25.7660, -6.6140



164.6720, -39.4650, -61.2330



116.9810, -16.1840, -4.0560



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.



167.9340, -70.6960, -18.3440



188.8640, -100.0380, -26.2300



131.5400, -53.6460, 14.0820



103.1240, -6.2810, -1.8090



106.9570, -95.8660, -24.7460



27.2080, -24.2530, -6.5010

Inverse Universe

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



139.2140, 39.7860, 60.9220



148.0060, 56.0120, 86.2520



172.4600, 53.6460, -14.0820



100.4290, 3.3460, 5.4420



68.1150, 54.0870, 82.5910



17.1890, 13.4300, 20.9340

Previews

White Background



This preview shows how the YIQ color 167.9340, -70.6960, -18.3440 looks on a white background.

Color Contrast Check

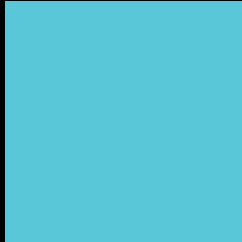
Large Text (above 18pt) WCAG AA × Fail

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 167.9340, -70.6960, -18.3440 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 167.9340, -70.6960, -18.3440 Background



This preview shows how black text looks on a background with the YIQ color 167.9340, -70.6960, -18.3440.



This preview shows how white text looks on a background with the YIQ color 167.9340, -70.6960, -18.3440.

-18.3440.

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

167.9340, -70.6960, -18.3440

Protanopia

183.2090, -7.6580, 6.6300

Deuteranopia

184.4570, -11.0520, 13.0760



Tritanopia

167.9340, -70.6960, -18.3440

Trichromacy



Original Color

167.9340, -70.6960, -18.3440

Protanomaly

177.9070, -30.5350, -2.7830

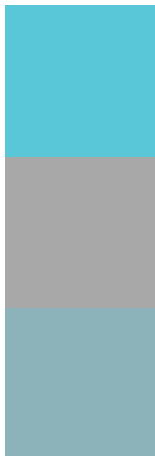
Deuteranomaly

178.2860, -32.9200, 1.8960

Tritanomaly

167.9340, -70.6960, -18.3440

Monochromacy



Original Color

167.9340, -70.6960, -18.3440

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.7240, -25.7660, -6.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.9340, -70.6960, -18.3440 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(89, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(89, 199, 215)  
}
```

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(89, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 199, 215) }
```

Border

The CSS property to change the border of an element to YIQ 167.9340, -70.6960, -18.3440 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(89, 199, 215) }
```


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

```
.border{ border-color:rgb(89, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(89, 199,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 167.9340, -70.6960, -18.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 199, 215) }
```

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

```
.background{ background-color: rgb(89, 199,  
215) }
```

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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