

Converting Colors

YIQ(175.0780, -53.3660,
-13.0300)

Have a look what the booklet for
YIQ(175.0780, -53.3660, -13.0300)
contains.

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Color

**YIQ(175.0780, -53.3660,
-13.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	74C6D4
RGB	116, 198, 212
RGB Percent	45%, 78%, 83%
CMY	0.5453, 0.2234, 0.1688
CMYK	0.45, 0.07, 0.00, 0.17
HSL	189°, 53%, 64%
HSV	189°, 45%, 83%
XYZ	39.2746, 48.8643, 69.6116
YIQ	175.0780, -53.3660, -13.0300

Conversions

Conversions Part 2

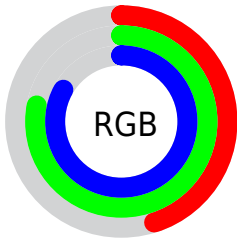
Format	Color
R _Y B	116, 160, 212
Decimal	7653076
CIE Lab	75.37, -21.41, -14.77
CIE LCh	75, 26.005, 214.595
Yxy	48.8643, 0.2490, 0.3098
Android (android.graphics.Color)	4285843156 (0xFF74C6D4)
YUV	175.0780, 18.2025, -51.8114
Hunter-Lab	69.9030, -22.0410, -10.1107

Details

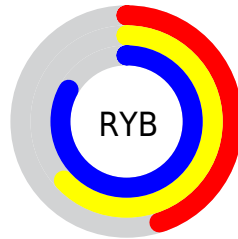
The YIQ color **175.0780, -53.3660, -13.0300** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **152.9220, 53.3660, 13.0300**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.4820, -48.8720, -17.3840**, and **119.7680, -55.4290, -14.1890** is the 20% darker color. If you saturate the color by 10%, you get **167.0380, -65.0570, -15.9130**, and if you desaturate by 10%, it is **183.1180, -41.6750, -10.1470**.

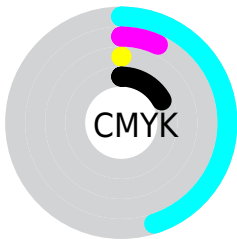
Distribution



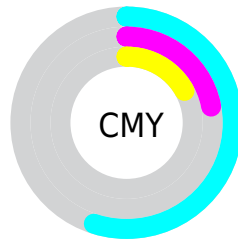
- Red (45%)
- Green (78%)
- Blue (83%)



- Red (45%)
- Yellow (63%)
- Blue (83%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.0780, -53.3660, -13.0300 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 175.0780, -53.3660, -13.0300 by changing the saturation by 10% instead.

■ 175.0780,
-53.3660, -13.0300

■ 175.0780,
-53.3660, -13.0300

■ 255.0000, -0.0000,
-0.0000

■ 147.6650,
-53.6410, -13.5530

■ 230.4820,
-48.8720, -17.3840

■ 119.7680,
-55.4290, -14.1890

■ 239.1530,
-31.5880, -11.2360

■ 90.4790, -61.9850,
-16.5210

■ 247.8240,
-14.3040, -5.0880

■ 66.6750, -59.6010,
-15.6730

■ 49.8510, -45.2970,
-10.5850

■ 34.3150, -31.8640,
-6.2320

■ 20.6540, -19.5770,

-3.1370

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 175.0780,
-53.3660, -13.0300

■ 175.0780,
-53.3660, -13.0300

■ 167.0380,
-65.0570, -15.9130

■ 183.1180,
-41.6750, -10.1470

■ 158.9980,
-76.7480, -18.7960

■ 191.1580,
-29.9840, -7.2640

■ 150.6590,
-89.0350, -21.8910

■ 199.4970,
-17.6970, -4.1690

■ 142.6190,
-100.7260, -24.7740

■ 207.5370, -6.0060,
-1.2860

■ 134.5790,
-112.4170, -27.6570

■ 215.5770, 5.6850,
1.5970

■ 130.4150,
-117.8270, -28.7310

■ 223.6170, 17.3760,
4.4800

■ 229.5530, 23.4280,
4.9320

■ 231.3140, 22.6030,
3.3630

■ 233.0750, 21.7780,
1.7940

Harmonies

Analogous

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



175.4350, -41.4900, -19.0100



175.0780, -53.3660, -13.0300



179.0390, -48.4620, -2.7820

Triad

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



175.0780, -53.3660, -13.0300



189.7550, 17.6480, 21.5840



184.1270, 24.0270, -11.4370

Complementary

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



175.0780, -53.3660, -13.0300



152.9220, 53.3660, 13.0300

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.



186.2800, 37.1380, -1.2460



175.0780, -53.3660, -13.0300



189.1450, 33.9250, 18.4450

Square

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



175.0780, -53.3660, -13.0300



188.1420, -5.5510, 18.0090



188.2840, 40.4830, 9.7230



181.0750, 3.4420, -18.3340

Rectangle

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



175.0780, -53.3660, -13.0300



182.6540, -36.7720, 5.6280



188.2840, 40.4830, 9.7230



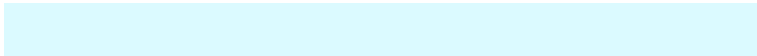
185.3450, 29.3450, -8.6950

Sweetspot

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



175.0780, -53.3660, -13.0300



241.3010, -20.0810, -5.0170



173.8340, -30.5730, -46.1650



119.0740, -12.0120, -2.5720



0.0000, 0.0000, 0.0000



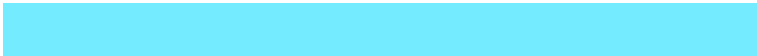
128.0000, -0.0000, -0.0000

Same Dimension

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



175.0780, -53.3660, -13.0300



201.9980, -76.7480, -18.7960



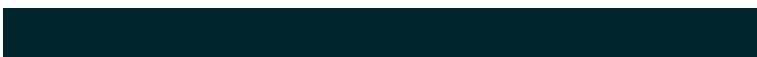
147.4890, -40.4410, 11.5510



103.1240, -6.2810, -1.8090



105.1960, -95.0410, -23.1770



26.6210, -23.9780, -5.9780

Inverse Universe

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



154.0520, 30.8940, 45.8540



171.7140, 44.3700, 65.9540



180.5110, 40.4410, -11.5510



100.4290, 3.3460, 5.4420



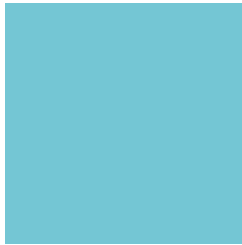
67.7730, 55.0500, 81.6580



17.0750, 13.7510, 20.6230

Previews

White Background



This preview shows how the YIQ color 175.0780, -53.3660, -13.0300 looks on a white background.

Color Contrast Check

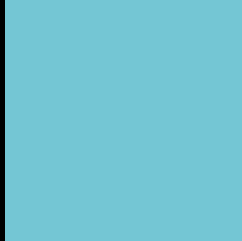
Large Text (above 18pt) WCAG AA × Fail

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 175.0780, -53.3660, -13.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

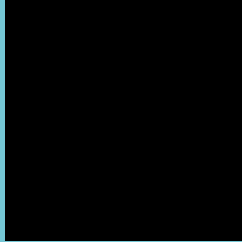
Any Text WCAG AA ✓ Pass

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 175.0780, -53.3660, -13.0300 Background



This preview shows how black text looks on a background with the YIQ color 175.0780, -53.3660, -13.0300.



This preview shows how white text looks on a background with the YIQ color 175.0780, -53.3660, -13.0300.

-13.0300.

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

175.0780, -53.3660, -13.0300

Protanopia

185.2800, -6.4200, 6.2200

Deuteranopia

186.4960, -6.7880, 12.8920



Tritanopia

175.3060, -54.0080, -12.4080

Trichromacy



Original Color

175.0780, -53.3660, -13.0300

Protanomaly

181.3810, -23.0620, -0.5500

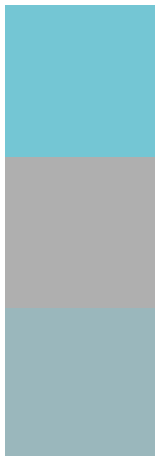
Deuteranomaly

182.7170, -23.8880, 3.4080

Tritanomaly

175.1920, -53.6870, -12.7190

Monochromacy



Original Color

175.0780, -53.3660, -13.0300

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8990, -18.8890, -4.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.0780, -53.3660, -13.0300 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(116, 198, 212)` looks like.

```
.text, #text, p{  
    color:rgb(116, 198, 212)  
}
```

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(116, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 198, 212) }
```

Border

The CSS property to change the border of an element to YIQ 175.0780, -53.3660, -13.0300 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(116, 198, 212) }
```


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

```
.border{ border-color:rgb(116, 198, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 198, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(116, 198,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 175.0780, -53.3660, -13.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 198, 212) }
```

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

```
.background{ background-color: rgb(116,  
198, 212) }
```

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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