

Converting Colors

YIQ(170.3590, -87.8900,
-15.1060)

Have a look what the booklet for
YIQ(170.3590, -87.8900, -15.1060)
contains.

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Color

**YIQ(170.3590, -87.8900,
-15.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	4DCCF2
RGB	77, 204, 242
RGB Percent	30%, 80%, 95%
CMY	0.6983, 0.1998, 0.0514
CMYK	0.68, 0.16, 0.00, 0.05
HSL	194°, 86%, 63%
HSV	194°, 68%, 95%
XYZ	40.6729, 51.1910, 91.6656
YIQ	170.3590, -87.8900, -15.1060

Conversions

Conversions Part 2

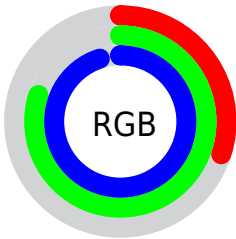
Format	Color
RYB	77, 149, 242
Decimal	5098738
CIELab	76.79, -23.19, -28.86
CIELCh	77, 37.022, 231.211
Yxy	51.1910, 0.2216, 0.2789
Android (android.graphics.Color)	4283288818 (0xFF4DCCF2)
YUV	170.3590, 35.3190, -81.8758
Hunter-Lab	71.5479, -23.7366, -25.8776

Details

The YIQ color **170.3590, -87.8900, -15.1060** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **148.6410, 87.8900, 15.1060**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, -66.7520, -23.7440**, and **109.2540, -100.9560, -20.6040** is the 20% darker color. If you saturate the color by 10%, you get **160.2480, -100.8190, -17.5790**, and if you desaturate by 10%, it is **181.0570, -75.2360, -13.1560**.

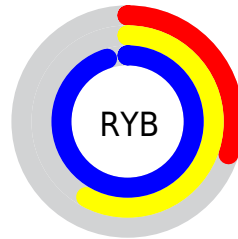
Distribution



Red (30%)

Green (80%)

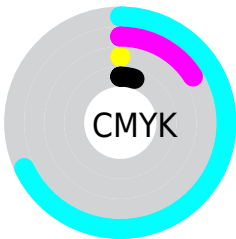
Blue (95%)



Red (30%)

Yellow (58%)

Blue (95%)

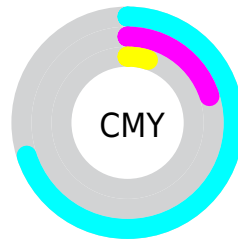


Cyan (68%)

Magenta (16%)

Yellow (0%)

Black (5%)



Cyan (70%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.3590, -87.8900, -15.1060 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 170.3590, -87.8900, -15.1060 by changing the saturation by 10% instead.

■ 170.3590,
-87.8900, -15.1060

■ 170.3590,
-87.8900, -15.1060

■ 255.0000, -0.0000,
-0.0000

■ 136.8630,
-98.2970, -19.2330

■ 221.5120,
-66.7520, -23.7440

■ 109.2540,
-100.9560, -20.6040

■ 230.7810,
-48.2760, -17.1720

■ 90.9140, -85.1390,
-15.4030

■ 240.0500,
-29.8000, -10.6000

■ 73.1610, -69.5970,
-10.7250

■ 249.3190,
-11.3240, -4.0280

■ 55.6360, -54.6970,
-5.4250

■ 39.9860, -40.9430,
-1.3830

■ 25.5100, -27.7390,

1.6130

■ 5.5060, -12.7480,
10.7720

■ 2.1830, -4.7690,
3.8310

■ 170.3590,
-87.8900, -15.1060

■ 170.3590,
-87.8900, -15.1060

■ 160.2480,
-100.8190, -17.5790

■ 181.0570,
-75.2360, -13.1560

■ 149.5500,
-113.4730, -19.5290

■ 191.1680,
-62.3070, -10.6830

■ 138.5530,
-126.7230, -21.6910

■ 202.1650,
-49.0570, -8.5210

■ 136.7700,
-128.8320, -22.0160

■ 212.2760,
-36.1280, -6.0480

■ 222.9740,
-23.4740, -4.0980

■ 233.0850,
-10.5450, -1.6250

■ 243.7830, 2.1090,
0.3250

■ 249.4090, 6.0980,
-0.3820

■ 252.9310, 4.4480,
-3.5200

Harmonies

Analogous

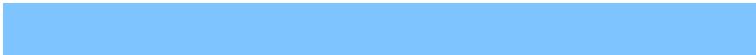
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.6070, -83.2570, -27.4890



170.3590, -87.8900, -15.1060



181.7960, -60.6590, 3.5090

Triad

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



170.3590, -87.8900, -15.1060



193.9320, 39.3790, 29.7390



184.9270, 18.2980, -23.2540

Complementary

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



170.3590, -87.8900, -15.1060



148.6410, 87.8900, 15.1060

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.



188.2940, 42.5500, -11.2260



170.3590, -87.8900, -15.1060



191.4370, 53.5940, 19.9140

Square

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



170.3590, -87.8900, -15.1060



194.2030, 10.8150, 29.7830



190.4350, 55.9350, 5.0150



180.3560, -13.8870, -29.1750

Rectangle

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



170.3590, -87.8900, -15.1060



187.8640, -37.0030, 15.3250



190.4350, 55.9350, 5.0150



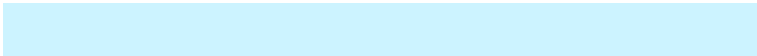
186.4120, 27.2380, -20.0740

Sweetspot

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



170.3590, -87.8900, -15.1060



232.7070, -27.0960, -4.5360



177.9590, -56.9310, -75.0990



114.0350, -16.2760, -2.3880



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.



170.3590, -87.8900, -15.1060



164.3330, -111.3640, -19.2040



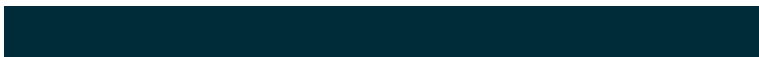
123.3990, -65.8900, 26.7340



114.6510, -6.3270, -0.9750



103.7430, -97.8390, -16.5190



31.6250, -29.8010, -5.0730

Inverse Universe

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



140.8130, 57.5730, 74.4770



126.8450, 72.8830, 94.3790



195.6010, 65.8900, -26.7340



112.6140, 4.2630, 5.3430



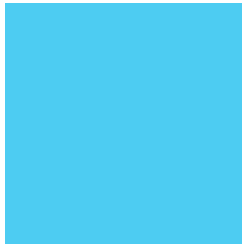
71.0900, 64.4030, 82.8590



21.6460, 19.5730, 25.2450

Previews

White Background



This preview shows how the YIQ color 170.3590, -87.8900, -15.1060 looks on a white background.

Color Contrast Check

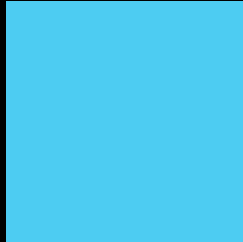
Large Text (above 18pt) WCAG AA × Fail

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 170.3590, -87.8900, -15.1060 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 170.3590, -87.8900, -15.1060 Background



This preview shows how black text looks on a background with the YIQ color 170.3590, -87.8900, -15.1060.



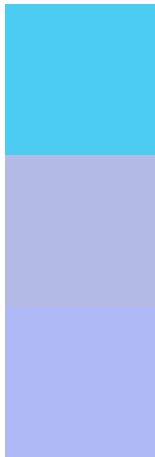
This preview shows how white text looks on a background with the YIQ color 170.3590, -87.8900, -15.1060.

-15.1060.

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

170.3590, -87.8900, -15.1060

Protanopia

188.5100, -18.5710, 11.6770

Deuteranopia

188.9640, -25.5410, 16.8510



Tritanopia

166.7790, -89.4930, -24.6050

Trichromacy



Original Color

170.3590, -87.8900, -15.1060

Protanomaly

182.1260, -44.1530, 1.7270

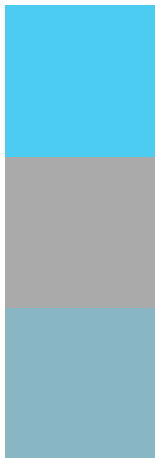
Deuteranomaly

182.1950, -48.6010, 5.2470

Tritanomaly

168.1860, -89.0810, -21.0570

Monochromacy



Original Color

170.3590, -87.8900, -15.1060

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8420, -31.9100, -5.3980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.3590, -87.8900, -15.1060 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(77, 204, 242)` looks like.

```
.text, #text, p{  
    color:rgb(77, 204, 242)  
}
```

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(77, 204, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 204, 242) }
```

Border

The CSS property to change the border of an element to YIQ 170.3590, -87.8900, -15.1060 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(77, 204, 242) }
```


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

```
.border{ border-color:rgb(77, 204, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 204, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 204, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 204, 242);  
box-shadow:4px 4px 4px 4px rgb(77, 204,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 170.3590, -87.8900, -15.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 204, 242) }
```

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

```
.background{ background-color: rgb(77, 204,  
242) }
```

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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