

Converting Colors

YIQ(193.3590, -61.5270,
-13.8070)

Have a look what the booklet for
YIQ(193.3590, -61.5270, -13.8070)
contains.

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Color

**YIQ(193.3590, -61.5270,
-13.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	7EDBEE
RGB	126, 219, 238
RGB Percent	49%, 86%, 93%
CMY	0.5061, 0.1410, 0.0669
CMYK	0.47, 0.08, 0.00, 0.07
HSL	190°, 77%, 71%
HSV	190°, 47%, 93%
XYZ	49.3610, 61.2842, 90.0655
YIQ	193.3590, -61.5270, -13.8070

Conversions

Conversions Part 2

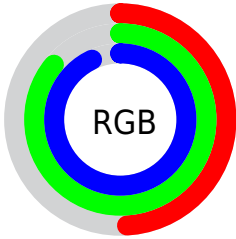
Format	Color
RYB	126, 177, 238
Decimal	8313838
CIELab	82.53, -22.80, -17.86
CIElCh	83, 28.966, 218.070
Yxy	61.2842, 0.2459, 0.3053
Android (android.graphics.Color)	4286503918 (0xFF7EDBEE)
YUV	193.3590, 22.0080, -59.0738
Hunter-Lab	78.2842, -24.4469, -13.4138

Details

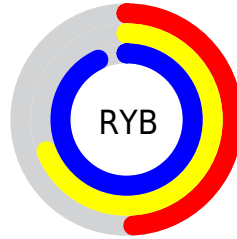
The YIQ color **193.3590, -61.5270, -13.8070** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **170.6410, 61.5270, 13.8070**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.7710, -42.3160, -15.0520**, and **136.7500, -64.1860, -15.1780** is the 20% darker color. If you saturate the color by 10%, you get **183.8350, -74.7310, -16.8030**, and if you desaturate by 10%, it is **202.8830, -48.3230, -10.8110**.

Distribution



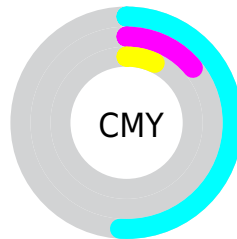
- Red (49%)
- Green (86%)
- Blue (93%)



- Red (49%)
- Yellow (69%)
- Blue (93%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (51%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.3590, -61.5270, -13.8070 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 193.3590, -61.5270, -13.8070 by changing the saturation by 10% instead.

■ 193.3590,
-61.5270, -13.8070

■ 193.3590,
-61.5270, -13.8070

■ 255.0000, -0.0000,
-0.0000

■ 165.0600,
-62.1230, -14.0190

■ 233.7710,
-42.3160, -15.0520

■ 136.7500,
-64.1860, -15.1780

■ 242.7410,
-24.4360, -8.6920

■ 106.4610,
-70.7420, -17.5100

■ 251.7110, -6.5560,
-2.3320

■ 80.4500, -72.2090,
-18.4570

■ 62.9250, -57.3090,
-13.1570

■ 46.1010, -43.0050,
-8.0690

■ 30.5650, -29.5720,

-3.7160

■ 14.5560, -16.1850,
1.4710

■ 1.3680, -3.8520,
3.7320

■ 193.3590,
-61.5270, -13.8070

■ 193.3590,
-61.5270, -13.8070

■ 183.8350,
-74.7310, -16.8030

■ 202.8830,
-48.3230, -10.8110

■ 174.3110,
-87.9350, -19.7990

■ 212.4070,
-35.1190, -7.8150

■ 165.0860,
-100.5430, -22.5830

■ 221.6320,
-22.5110, -5.0310

■ 155.5620,
-113.7470, -25.5790

■ 231.1560, -9.3070,
-2.0350

■ 146.0380,
-126.9510, -28.5750

■ 240.6800, 3.8970,
0.9610

■ 143.3580,
-130.8480, -29.5360

■ 246.0180, 8.7570,
0.9890

■ 248.3660, 7.6570,
-1.1030

■ 250.7140, 6.5570,
-3.1950

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

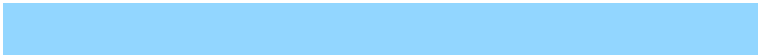
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.3630, -50.1550, -21.6670



193.3590, -61.5270, -13.8070



198.3420, -53.6890, -1.6650

Triad

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



193.3590, -61.5270, -13.8070



209.9730, 22.9660, 24.3260



203.3180, 24.8070, -14.5610

Complementary

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



193.3590, -61.5270, -13.8070



170.6410, 61.5270, 13.8070

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.



206.0800, 40.5770, -2.9990



193.3590, -61.5270, -13.8070



208.1130, 36.9510, 18.6710

Square

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



193.3590, -61.5270, -13.8070



208.8050, -2.9840, 21.0480



206.9100, 44.4720, 9.0160



200.2980, 1.1960, -21.6840

Rectangle

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



193.3590, -61.5270, -13.8070



201.6970, -38.3310, 6.3490



206.9100, 44.4720, 9.0160



204.2480, 30.9960, -11.0840

Sweetspot

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



193.3590, -61.5270, -13.8070



240.7140, -19.8060, -4.4940



193.9100, -36.8990, -52.6670



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.



193.3590, -61.5270, -13.8070



198.1550, -78.6280, -17.7640



160.4870, -46.1270, 15.4810



115.2380, -6.6020, -1.4980



110.7870, -101.1390, -22.7950



33.9730, -30.9010, -7.1650

Inverse Universe

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



170.0900, 36.8990, 52.6670



168.3230, 47.0290, 67.3250



203.5130, 46.1270, -15.4810



112.7280, 3.9420, 5.6540



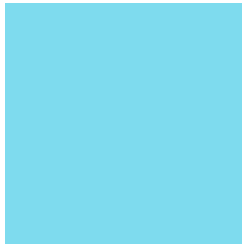
72.4580, 60.5510, 86.5910



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 193.3590, -61.5270, -13.8070 looks on a white background.

Color Contrast Check

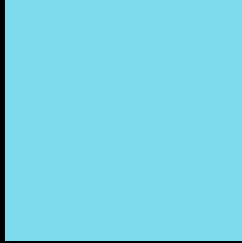
Large Text (above 18pt) WCAG AA × Fail

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 193.3590, -61.5270, -13.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

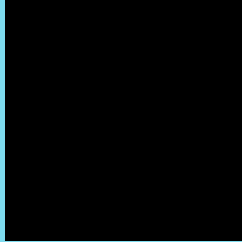
Any Text WCAG AA ✓ Pass

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 193.3590, -61.5270, -13.8070 Background



This preview shows how black text looks on a background with the YIQ color 193.3590, -61.5270, -13.8070.



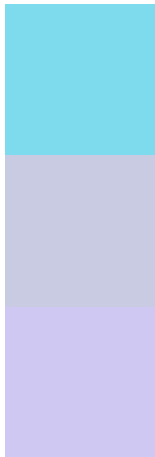
This preview shows how white text looks on a background with the YIQ color 193.3590, -61.5270, -13.8070.

-13.8070.

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

193.3590, -61.5270, -13.8070

Protanopia

205.1380, -8.8960, 7.0400

Deuteranopia

206.5820, -9.9060, 14.3340



Tritanopia

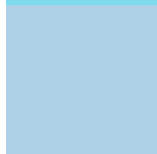
193.2450, -61.2060, -14.1180

Trichromacy



Original Color

193.3590, -61.5270, -13.8070



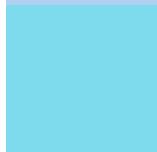
Protanomaly

201.0430, -27.9220, -0.5780



Deuteranomaly

201.9060, -28.7940, 4.2140



Tritanomaly

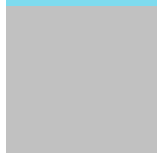
193.2450, -61.2060, -14.1180

Monochromacy



Original Color

193.3590, -61.5270, -13.8070



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.9310, -21.9150, -4.8190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.3590, -61.5270, -13.8070 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(126, 219, 238)` looks like.

```
.text, #text, p{  
    color:rgb(126, 219, 238)  
}
```

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(126, 219, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 219, 238) }
```

Border

The CSS property to change the border of an element to YIQ 193.3590, -61.5270, -13.8070 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(126, 219, 238) }
```


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

```
.border{ border-color:rgb(126, 219, 238) }
```

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

Here you see how a box with a 4 pixel rgb(126, 219, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 219, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 219, 238);  
box-shadow:4px 4px 4px 4px rgb(126, 219,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 193.3590, -61.5270, -13.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 219, 238) }
```

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

```
.background{ background-color: rgb(126,  
219, 238) }
```

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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