

Converting Colors

YIQ(193.4180, -60.0150,
-8.1670)

Have a look what the booklet for
YIQ(193.4180, -60.0150, -8.1670)
contains.

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Color

**YIQ(193.4180, -60.0150,
-8.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	83D7F6
RGB	131, 215, 246
RGB Percent	51%, 84%, 96%
CMY	0.4864, 0.1567, 0.0356
CMYK	0.47, 0.13, 0.00, 0.04
HSL	196°, 86%, 74%
HSV	196°, 47%, 96%
XYZ	50.2867, 60.0902, 96.0832
YIQ	193.4180, -60.0150, -8.1670

Conversions

Conversions Part 2

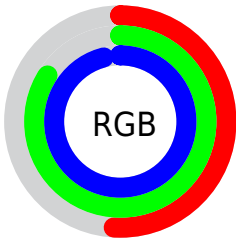
Format	Color
R_{YB}	131, 180, 246
Decimal	8640502
CIE _{Lab}	81.89, -17.53, -23.06
CIE _{LCh}	82, 28.969, 232.761
Yxy	60.0902, 0.2436, 0.2911
Android (android.graphics.Color)	4286830582 (0xFF83D7F6)
YUV	193.4180, 25.9229, -54.7406
Hunter-Lab	77.5179, -19.8615, -19.2272

Details

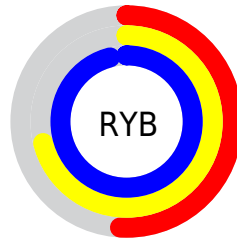
The YIQ color **193.4180, -60.0150, -8.1670** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **183.5820, 60.0150, 8.1670**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.2660, -39.3360, -13.9920**, and **137.1080, -62.0780, -9.3260** is the 20% darker color. If you saturate the color by 10%, you get **181.8340, -72.9900, -9.8060**, and if you desaturate by 10%, it is **205.0020, -47.0400, -6.5280**.

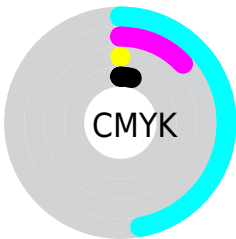
Distribution



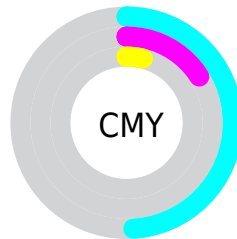
- Red (51%)
- Green (84%)
- Blue (96%)



- Red (51%)
- Yellow (71%)
- Blue (96%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4180, -60.0150, -8.1670 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 193.4180, -60.0150, -8.1670 by changing the saturation by 10% instead.

■ 193.4180,
-60.0150, -8.1670

■ 193.4180,
-60.0150, -8.1670

■ 255.0000, -0.0000,
-0.0000

■ 165.0050,
-60.2900, -8.6900

■ 235.2660,
-39.3360, -13.9920

■ 137.1080,
-62.0780, -9.3260

■ 244.2360,
-21.4560, -7.6320

■ 108.1890,
-66.8000, -11.8560

■ 253.2060, -3.5760,
-1.2720

■ 79.4870, -73.6310,
-14.7110

■ 61.9620, -58.7310,
-9.4110

■ 45.6110, -44.3810,
-5.1570

■ 30.0750, -30.9480,

-0.8040

■ 13.4790, -17.2860,
4.9060

■ 2.7530, -6.3740,
5.3860

■ 193.4180,
-60.0150, -8.1670

■ 193.4180,
-60.0150, -8.1670

■ 181.8340,
-72.9900, -9.8060

■ 205.0020,
-47.0400, -6.5280

■ 171.1360,
-85.6440, -11.7560

■ 215.7000,
-34.3860, -4.5780

■ 159.5520,
-98.6190, -13.3950

■ 227.2840,
-21.4110, -2.9390

■ 148.8540,
-111.2730, -15.3450

■ 237.9820, -8.7570,
-0.9890

■ 137.2700,
-124.2480, -16.9840

■ 249.5660, 4.2180,
0.6500

■ 133.7040,
-128.4660, -17.6340

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

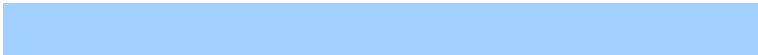
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191.1650, -58.2250, -18.5850



193.4180, -60.0150, -8.1670



199.3050, -43.0990, 4.6530

Triad

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



193.4180, -60.0150, -8.1670



207.7090, 32.4570, 23.0250



199.9360, 14.0790, -18.3770

Complementary

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



193.4180, -60.0150, -8.1670



183.5820, 60.0150, 8.1670

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.



203.2700, 33.9300, -9.1900



193.4180, -60.0150, -8.1670



205.8160, 42.0410, 14.5290

Square

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



193.4180, -60.0150, -8.1670



207.9160, 9.9450, 23.5210



205.2210, 44.7940, 3.1780



196.7140, -11.7790, -23.3230

Rectangle

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



193.4180, -60.0150, -8.1670



203.2580, -26.5490, 13.0910



205.2210, 44.7940, 3.1780



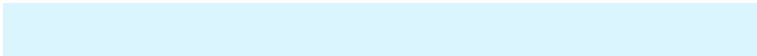
201.4100, 21.5520, -16.1440

Sweetspot

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



193.4180, -60.0150, -8.1670



238.3660, -18.7060, -2.4020



202.0390, -41.5760, -50.5040



117.9000, -11.4620, -1.5260



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.



193.4180, -60.0150, -8.1670



189.9370, -74.7780, -10.4420



159.9590, -44.3400, 21.6440



116.6510, -6.3270, -0.9750



101.0360, -97.1060, -13.2820



31.9670, -30.7640, -4.1400

Inverse Universe

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



174.9610, 41.5760, 50.5040



166.7270, 51.5230, 62.9710



217.0410, 44.3400, -21.6440



114.6140, 4.2630, 5.3430



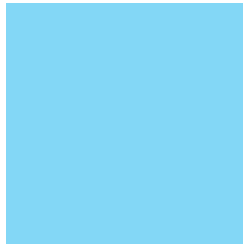
71.1180, 67.2000, 81.7280



22.5430, 21.3610, 25.8810

Previews

White Background



This preview shows how the YIQ color 193.4180, -60.0150, -8.1670 looks on a white background.

Color Contrast Check

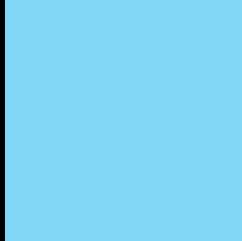
Large Text (above 18pt) WCAG AA × Fail

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 193.4180, -60.0150, -8.1670 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 193.4180, -60.0150, -8.1670

Background



This preview shows how black text looks on a background with the YIQ color 193.4180, -60.0150, -8.1670.



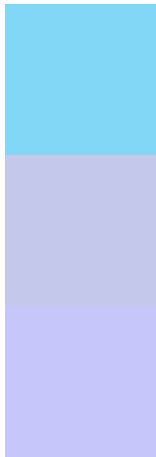
This preview shows how white text looks on a background with the YIQ color 193.4180, -60.0150, -8.1670.

-8.1670.

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

193.4180, -60.0150, -8.1670

Protanopia

203.4950, -14.2150, 9.8250

Deuteranopia

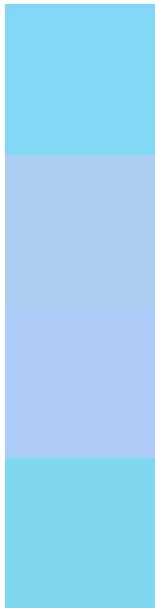
204.2270, -16.0960, 16.3840



Tritanopia

192.0280, -59.0970, -13.7930

Trichromacy



Original Color

193.4180, -60.0150, -8.1670

Protanomaly

199.7100, -31.1780, 3.3660

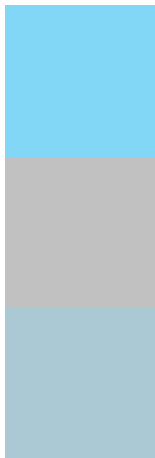
Deuteranomaly

200.1600, -32.3250, 7.6350

Tritanomaly

192.1960, -59.5100, -11.8140

Monochromacy



Original Color

193.4180, -60.0150, -8.1670

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9850, -22.0070, -3.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4180, -60.0150, -8.1670 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(131, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(131, 215, 246)  
}
```

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(131, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 215, 246) }
```

Border

The CSS property to change the border of an element to YIQ 193.4180, -60.0150, -8.1670 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(131, 215, 246) }
```


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

```
.border{ border-color:rgb(131, 215, 246) }
```

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

Here you see how a box with a 4 pixel rgb(131, 215, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(131, 215,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4180, -60.0150, -8.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 215, 246) }
```

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

```
.background{ background-color: rgb(131,  
215, 246) }
```

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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