

Converting Colors

YIQ(190.0810, -57.4480,
-5.1280)

Have a look what the booklet for
YIQ(190.0810, -57.4480, -5.1280)
contains.

YIQ(190.0810, -57.4480, -5.1280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(190.0810, -57.4480,
-5.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	84D1F5
RGB	132, 209, 245
RGB Percent	52%, 82%, 96%
CMY	0.4825, 0.1803, 0.0395
CMYK	0.46, 0.15, 0.00, 0.04
HSL	199°, 85%, 74%
HSV	199°, 46%, 96%
XYZ	48.7892, 57.1077, 94.7854
YIQ	190.0810, -57.4480, -5.1280

Conversions

Conversions Part 2

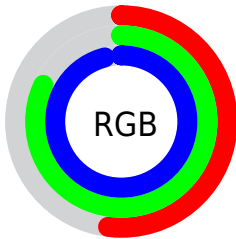
Format	Color
RYB	132, 178, 245
Decimal	8704501
CIELab	80.24, -14.49, -25.04
CIELCh	80, 28.924, 239.946
Yxy	57.1077, 0.2431, 0.2846
Android (android.graphics.Color)	4286894581 (0xFF84D1F5)
YUV	190.0810, 27.0751, -50.9370
Hunter-Lab	75.5696, -17.0038, -21.4675

Details

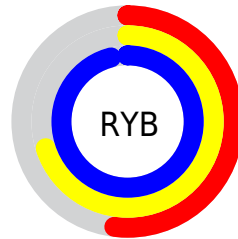
The YIQ color **190.0810, -57.4480, -5.1280** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **186.9190, 57.4480, 5.1280**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.5650, -38.7400, -13.7800**, and **134.3580, -59.7860, -6.8100** is the 20% darker color. If you saturate the color by 10%, you get **177.9100, -70.1480, -6.2440**, and if you desaturate by 10%, it is **201.9530, -45.3440, -4.2240**.

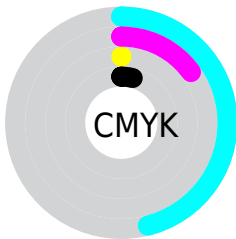
Distribution



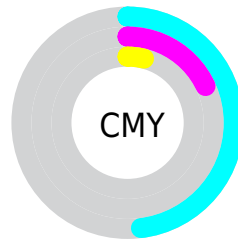
- Red (52%)
- Green (82%)
- Blue (96%)



- Red (52%)
- Yellow (70%)
- Blue (96%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (48%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.0810, -57.4480, -5.1280 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 190.0810, -57.4480, -5.1280 by changing the saturation by 10% instead.

■ 190.0810,
-57.4480, -5.1280

■ 190.0810,
-57.4480, -5.1280

■ 255.0000, -0.0000,
-0.0000

■ 161.6680,
-57.7230, -5.6510

■ 235.5650,
-38.7400, -13.7800

■ 134.3580,
-59.7860, -6.8100

■ 244.2360,
-21.4560, -7.6320

■ 106.0370,
-63.3160, -8.9160

■ 253.2060, -3.5760,
-1.2720

■ 75.8510, -71.6600,
-11.8840

■ 58.9130, -57.0350,
-7.1070

■ 42.5620, -42.6850,
-2.8530

■ 27.6130, -29.5270,

0.9770

■ 6.9080, -13.9400,
10.3480

■ 2.6390, -6.0530,
5.0750

■ 190.0810,
-57.4480, -5.1280

■ 190.0810,
-57.4480, -5.1280

■ 177.9100,
-70.1480, -6.2440

■ 201.9530,
-45.3440, -4.2240

■ 166.0380,
-82.2520, -7.1480

■ 214.1240,
-32.6440, -3.1080

■ 154.4540,
-95.2270, -8.7870

■ 225.4090,
-20.2650, -1.6810

■ 142.5820,
-107.3310, -9.6910

■ 237.5800, -7.5650,
-0.5650

■ 130.4110,
-120.0310, -10.8070

■ 249.4520, 4.5390,
0.3390

■ 125.9590,
-124.5700, -11.1460

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



186.2620, -59.8760, -16.1960



190.0810, -57.4480, -5.1280



196.1640, -38.1480, 8.5400

Triad

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



190.0810, -57.4480, -5.1280



202.9220, 36.1710, 21.7950



195.0600, 7.7980, -20.1860

Complementary

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



190.0810, -57.4480, -5.1280



186.9190, 57.4480, 5.1280

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.



197.6500, 29.8040, -11.5080



190.0810, -57.4480, -5.1280



201.6160, 45.4800, 12.7760

Square

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



190.0810, -57.4480, -5.1280



203.8520, 15.9970, 23.9730



199.8570, 42.8230, 0.3510



190.8920, -18.1520, -23.4640

Rectangle

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



190.0810, -57.4480, -5.1280



200.0740, -20.0390, 16.2570



199.8570, 42.8230, 0.3510



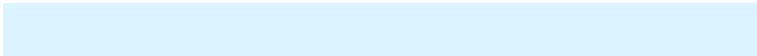
195.8330, 15.8670, -17.7410

Sweetspot

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



190.0810, -57.4480, -5.1280



237.7790, -18.4310, -1.8790



202.4350, -42.6310, -47.9030



117.3130, -11.1870, -1.0030



0.0000, 0.0000, 0.0000



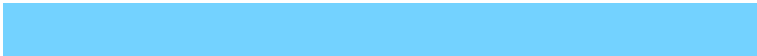
128.0000, -0.0000, -0.0000

Same Dimension

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



190.0810, -57.4480, -5.1280



186.7250, -71.0650, -6.1450



157.2090, -42.0480, 24.1600



116.6510, -6.3270, -0.9750



95.7530, -94.6310, -8.5750



30.2060, -29.9390, -2.5710

Inverse Universe

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



174.5650, 42.6310, 47.9030



167.6900, 52.9450, 59.2250



219.7910, 42.0480, -24.1600



114.6140, 4.2630, 5.3430



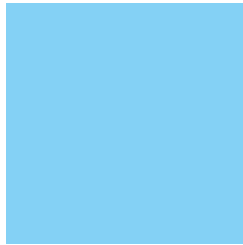
70.0920, 70.0890, 78.9290



22.2010, 22.3240, 24.9480

Previews

White Background



This preview shows how the YIQ color 190.0810, -57.4480, -5.1280 looks on a white background.

Color Contrast Check

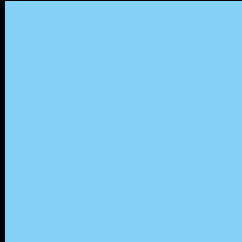
Large Text (above 18pt) WCAG AA × Fail

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 190.0810, -57.4480, -5.1280 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 190.0810, -57.4480, -5.1280

Background



This preview shows how black text looks on a background with the YIQ color 190.0810, -57.4480, -5.1280.



This preview shows how white text looks on a background with the YIQ color 190.0810, -57.4480, -5.1280.

-5.1280.

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

190.0810, -57.4480, -5.1280

Protanopia

198.7660, -16.4160, 11.1680

Deuteranopia

199.5580, -18.5260, 16.3700



Tritanopia

188.5230, -56.1170, -12.7330

Trichromacy



Original Color

190.0810, -57.4480, -5.1280

Protanomaly

195.7640, -31.2700, 5.0340

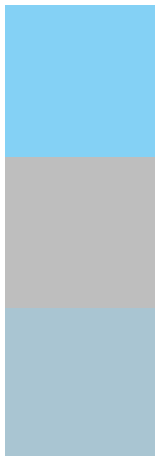
Deuteranomaly

195.8010, -32.6920, 8.7800

Tritanomaly

189.2180, -56.5760, -9.9200

Monochromacy



Original Color

190.0810, -57.4480, -5.1280

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1100, -20.8610, -1.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.0810, -57.4480, -5.1280 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(132, 209, 245)` looks like.

```
.text, #text, p{  
    color:rgb(132, 209, 245)  
}
```

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(132, 209, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 209, 245) }
```

Border

The CSS property to change the border of an element to YIQ 190.0810, -57.4480, -5.1280 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(132, 209, 245) }
```


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

```
.border{ border-color:rgb(132, 209, 245) }
```

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

Here you see how a box with a 4 pixel rgb(132, 209, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 209, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 209, 245);  
box-shadow:4px 4px 4px 4px rgb(132, 209,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 190.0810, -57.4480, -5.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 209, 245) }
```

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

```
.background{ background-color: rgb(132,  
209, 245) }
```

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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