

Converting Colors

YIQ(198.6200, -57.7680,
-10.3440)

Have a look what the booklet for
YIQ(198.6200, -57.7680, -10.3440)
contains.

YIQ(198.6200, -57.7680, -10.3440)	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(198.6200, -57.7680,
-10.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	89DDF5
RGB	137, 221, 245
RGB Percent	54%, 87%, 96%
CMY	0.4629, 0.1332, 0.0395
CMYK	0.44, 0.10, 0.00, 0.04
HSL	193°, 84%, 75%
HSV	193°, 44%, 96%
XYZ	52.6464, 63.6347, 95.8436
YIQ	198.6200, -57.7680, -10.3440

Conversions

Conversions Part 2

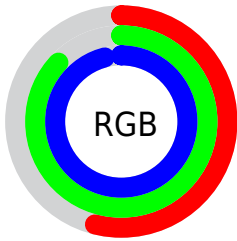
Format	Color
R _Y B	137, 184, 245
Decimal	9035253
CIE _{Lab}	83.78, -19.44, -19.65
CIE _{LCh}	84, 27.639, 225.306
Y _{xy}	63.6347, 0.2482, 0.3000
Android (android.graphics.Color)	4287225333 (0xFF89DDF5)
Y _{UV}	198.6200, 22.8653, -54.0407
Hunter-Lab	79.7713, -21.7959, -15.3957

Details

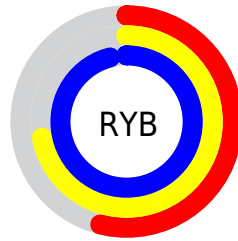
The YIQ color $198.6200, -57.7680, -10.3440$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $183.3800, 57.7680, 10.3440$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.0600, -35.7600, -12.7200$, and $142.6090, -59.2350, -11.2910$ is the 20% darker color. If you saturate the color by 10%, you get $188.2100, -71.2930, -13.0290$, and if you desaturate by 10%, it is $208.7310, -44.8390, -7.8710$.

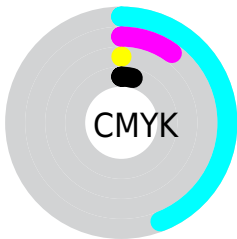
Distribution



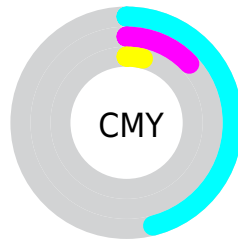
- Red (54%)
- Green (87%)
- Blue (96%)



- Red (54%)
- Yellow (72%)
- Blue (96%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6200, -57.7680, -10.3440 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 198.6200, -57.7680, -10.3440 by changing the saturation by 10% instead.

■ 198.6200,
-57.7680, -10.3440

■ 198.6200,
-57.7680, -10.3440

■ 255.0000, -0.0000,
-0.0000

■ 170.2070,
-58.0430, -10.8670

■ 237.0600,
-35.7600, -12.7200

■ 142.6090,
-59.2350, -11.2910

■ 245.7310,
-18.4760, -6.5720

■ 114.1140,
-62.2150, -12.3510

■ 254.7010, -0.5960,
-0.2120

■ 82.3080, -74.6850,
-17.6370

■ 64.7830, -59.7850,
-12.3370

■ 47.9590, -45.4810,
-7.2490

■ 32.3090, -31.7270,

-3.2070

■ 18.0610, -19.1650,
0.4110

■ 2.7530, -6.3740,
5.3860

■ 198.6200,
-57.7680, -10.3440

■ 198.6200,
-57.7680, -10.3440

■ 188.2100,
-71.2930, -13.0290

■ 208.7310,
-44.8390, -7.8710

■ 177.5120,
-83.9470, -14.9790

■ 219.7280,
-31.5890, -5.7090

■ 167.1020,
-97.4720, -17.6640

■ 229.8390,
-18.6600, -3.2360

■ 156.4040,
-110.1260, -19.6140

■ 240.8360, -5.4100,
-1.0740

■ 145.9940,
-123.6510, -22.2990

■ 249.7510, 5.1350,
0.5510

■ 140.0470,
-131.1700, -23.6980

■ 253.2730, 3.4850,
-2.5870

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

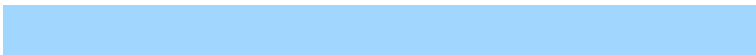
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.4600, -51.8060, -19.2780



198.6200, -57.7680, -10.3440



203.4140, -45.0240, 0.9920

Triad

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



198.6200, -57.7680, -10.3440



213.1860, 26.6800, 23.0960



205.8550, 18.8010, -15.8470

Complementary

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



198.6200, -57.7680, -10.3440



183.3800, 57.7680, 10.3440

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.



209.0470, 36.1760, -5.8400



198.6200, -57.7680, -10.3440



210.1190, 36.8140, 15.6460

Square

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



198.6200, -57.7680, -10.3440



212.7410, 3.0680, 21.5000



210.4320, 42.8220, 5.8780



202.8890, -4.9020, -21.3020

Rectangle

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



198.6200, -57.7680, -10.3440



207.3560, -29.9410, 8.4830



210.4320, 42.8220, 5.8780



207.5570, 25.6320, -12.9920

Sweetspot

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



198.6200, -57.7680, -10.3440



241.0240, -17.7430, -3.3350



203.0180, -37.0830, -49.3310



118.7860, -11.1410, -1.8370



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.



198.6200, -57.7680, -10.3440



197.0250, -72.2100, -12.9300



167.5090, -43.1930, 17.3750



117.2380, -6.6020, -1.4980



106.3190, -99.5810, -17.9890



33.7280, -31.5890, -5.7090

Inverse Universe

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



178.8680, 37.4040, 49.0200



172.3350, 46.7550, 61.2750



214.4910, 43.1930, -17.3750



114.7280, 3.9420, 5.6540



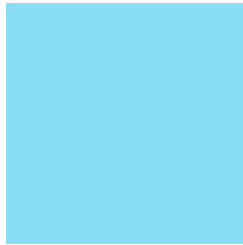
72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 198.6200, -57.7680, -10.3440 looks on a white background.

Color Contrast Check

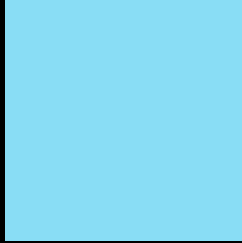
Large Text (above 18pt) WCAG AA × Fail

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 198.6200, -57.7680, -10.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

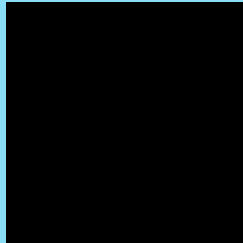
Any Text WCAG AA ✓ Pass

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 198.6200, -57.7680, -10.3440 Background



This preview shows how black text looks on a background with the YIQ color 198.6200, -57.7680, -10.3440.



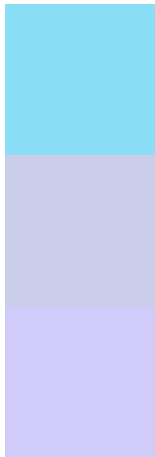
This preview shows how white text looks on a background with the YIQ color 198.6200, -57.7680, -10.3440.

-10.3440.

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

198.6200, -57.7680, -10.3440

Protanopia

208.4090, -11.0970, 8.3830

Deuteranopia

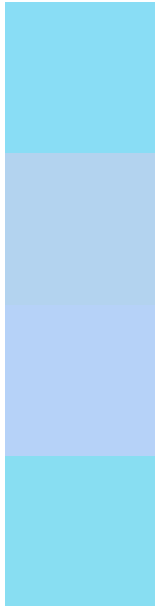
209.7390, -11.7860, 15.3660



Tritanopia

198.0390, -57.6300, -12.8460

Trichromacy



Original Color

198.6200, -57.7680, -10.3440

Protanomaly

204.6240, -28.0600, 1.9240

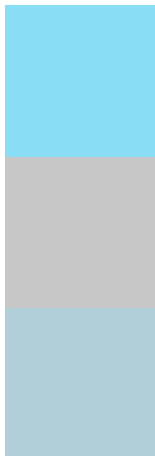
Deuteranomaly

205.9600, -28.8860, 5.8820

Tritanomaly

198.5660, -57.6760, -12.0120

Monochromacy



Original Color

198.6200, -57.7680, -10.3440

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.7570, -21.3650, -3.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6200, -57.7680, -10.3440 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(137, 221, 245)` looks like.

```
.text, #text, p{  
    color:rgb(137, 221, 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(137, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 221, 245) }
```

Border

The CSS property to change the border of an element to YIQ 198.6200, -57.7680, -10.3440 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(137, 221, 245) }
```


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

```
.border{ border-color:rgb(137, 221, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 221, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(137, 221,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6200, -57.7680, -10.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 221, 245) }
```

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

```
.background{ background-color: rgb(137,  
221, 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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