

Converting Colors

YIQ(195.4290, -58.5480,
-7.2200)

Have a look what the booklet for
YIQ(195.4290, -58.5480, -7.2200)
contains.

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Color

**YIQ(195.4290, -58.5480,
-7.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	87D8F8
RGB	135, 216, 248
RGB Percent	53%, 85%, 97%
CMY	0.4707, 0.1528, 0.0277
CMYK	0.46, 0.13, 0.00, 0.03
HSL	197°, 89%, 75%
HSV	197°, 46%, 97%
XYZ	51.4823, 61.0497, 97.8240
YIQ	195.4290, -58.5480, -7.2200

Conversions

Conversions Part 2

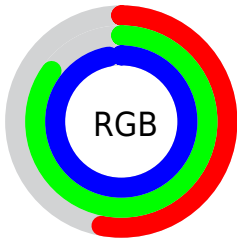
Format	Color
RYB	135, 182, 248
Decimal	8902904
CIELab	82.41, -16.58, -23.32
CIElCh	82, 28.617, 234.582
Yxy	61.0497, 0.2447, 0.2902
Android (android.graphics.Color)	4287092984 (0xFF87D8F8)
YUV	195.4290, 25.9175, -52.9962
Hunter-Lab	78.1343, -19.1223, -19.5369

Details

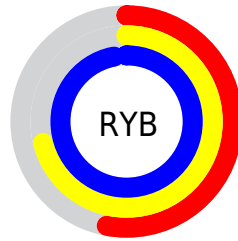
The YIQ color $195.4290, -58.5480, -7.2200$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $187.5710, 58.5480, 7.2200$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4620, -36.9520, -13.1440$, and $139.1190, -60.6110, -8.3790$ is the 20% darker color. If you saturate the color by 10%, you get $183.8450, -71.5230, -8.8590$, and if you desaturate by 10%, it is $207.0130, -45.5730, -5.5810$.

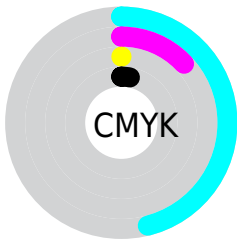
Distribution



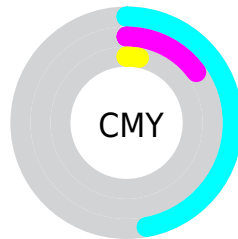
- Red (53%)
- Green (85%)
- Blue (97%)



- Red (53%)
- Yellow (71%)
- Blue (97%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4290, -58.5480, -7.2200 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 195.4290, -58.5480, -7.2200 by changing the saturation by 10% instead.

■ 195.4290,
-58.5480, -7.2200

■ 195.4290,
-58.5480, -7.2200

■ 255.0000, -0.0000,
-0.0000

■ 167.0160,
-58.8230, -7.7430

■ 236.4620,
-36.9520, -13.1440

■ 139.0050,
-60.2900, -8.6900

■ 245.1330,
-19.6680, -6.9960

■ 110.7980,
-64.1410, -10.4850

■ 254.1030, -1.7880,
-0.6360

■ 79.7150, -74.2730,
-14.0890

■ 62.6630, -59.3270,
-9.6230

■ 46.4260, -45.2980,
-5.0580

■ 30.7760, -31.5440,

-1.0160

■ 15.3540, -18.4320,
3.6480

■ 2.9810, -7.0160,
6.0080

■ 195.4290,
-58.5480, -7.2200

■ 195.4290,
-58.5480, -7.2200

■ 183.8450,
-71.5230, -8.8590

■ 207.0130,
-45.5730, -5.5810

■ 172.2610,
-84.4980, -10.4980

■ 218.5970,
-32.5980, -3.9420

■ 160.9760,
-96.8770, -11.9250

■ 229.8820,
-20.2190, -2.5150

■ 149.3920,
-109.8520, -13.5640

■ 241.4660, -7.2440,
-0.8760

■ 137.8080,
-122.8270, -15.2030

■ 251.8540, 3.3470,
-0.0850

■ 132.7580,
-128.5580, -15.9660

■ 254.2020, 2.2470,
-2.1770

Harmonies

Analogous

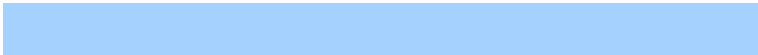
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.5780, -57.9500, -18.0620



195.4290, -58.5480, -7.2200



201.0880, -40.9900, 4.9780

Triad

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



195.4290, -58.5480, -7.2200



209.4810, 33.0990, 22.4030



201.1530, 11.9700, -18.7020

Complementary

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



195.4290, -58.5480, -7.2200



187.5710, 58.5480, 7.2200

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.



204.3730, 32.1420, -9.8260



195.4290, -58.5480, -7.2200



206.9900, 41.4910, 13.4830

Square

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



195.4290, -58.5480, -7.2200



209.4000, 11.4580, 23.6340



206.5090, 43.9230, 2.4430



198.2300, -13.2920, -23.4360

Rectangle

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



195.4290, -58.5480, -7.2200



205.0410, -24.4400, 13.4160



206.5090, 43.9230, 2.4430



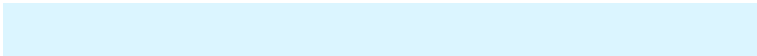
202.0400, 19.7180, -15.9460

Sweetspot

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



195.4290, -58.5480, -7.2200



238.3660, -18.7060, -2.4020



204.7510, -40.7050, -49.7690



117.3130, -11.1870, -1.0030



0.0000, 0.0000, 0.0000



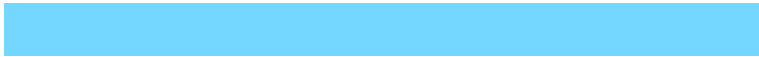
128.0000, -0.0000, -0.0000

Same Dimension

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



195.4290, -58.5480, -7.2200



189.6600, -72.4400, -8.7600



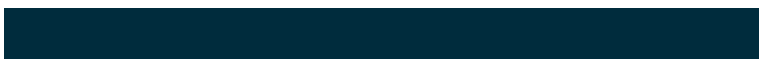
163.1440, -43.4230, 21.5450



118.7650, -6.6480, -0.6640



100.7910, -97.7940, -11.8260



32.7820, -31.6810, -4.0410

Inverse Universe

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



178.0210, 41.3470, 49.1470



168.2600, 51.3400, 60.7800



219.8560, 43.4230, -21.5450



116.9130, 4.8590, 5.5550



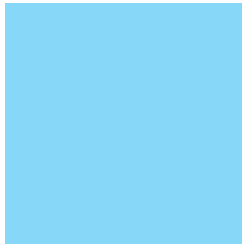
71.9010, 69.3090, 82.0530



23.2550, 22.2320, 26.6160

Previews

White Background



This preview shows how the YIQ color 195.4290, -58.5480, -7.2200 looks on a white background.

Color Contrast Check

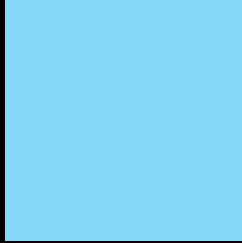
Large Text (above 18pt) WCAG AA × Fail

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 195.4290, -58.5480, -7.2200 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 195.4290, -58.5480, -7.2200

Background



This preview shows how black text looks on a background with the YIQ color 195.4290, -58.5480, -7.2200.



This preview shows how white text looks on a background with the YIQ color 195.4290, -58.5480, -7.2200.

-7.2200.

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

195.4290, -58.5480, -7.2200

Protanopia

204.7230, -14.8570, 10.4470

Deuteranopia

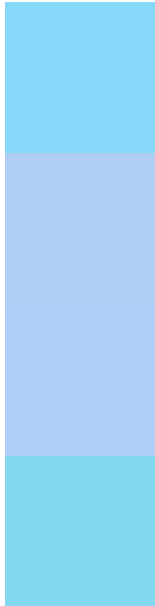
205.8140, -16.3710, 15.8610



Tritanopia

194.0390, -57.6300, -12.8460

Trichromacy



Original Color

195.4290, -58.5480, -7.2200

Protanomaly

201.1230, -30.9030, 3.8890

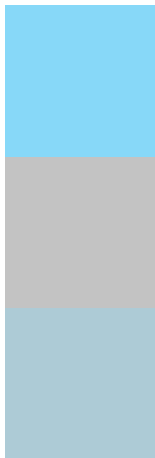
Deuteranomaly

202.0460, -32.0040, 7.3240

Tritanomaly

194.2070, -58.0430, -10.8670

Monochromacy



Original Color

195.4290, -58.5480, -7.2200

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.2840, -21.4110, -2.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4290, -58.5480, -7.2200 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(135, 216, 248)` looks like.

```
.text, #text, p{  
    color:rgb(135, 216, 248)  
}
```

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(135, 216, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 216, 248) }
```

Border

The CSS property to change the border of an element to YIQ 195.4290, -58.5480, -7.2200 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(135, 216, 248) }
```


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

```
.border{ border-color:rgb(135, 216, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 216, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 216, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 216, 248); box-shadow:4px 4px 4px 4px rgb(135, 216, 248) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4290, -58.5480, -7.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 216, 248) }
```

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

```
.background{ background-color: rgb(135,  
216, 248) }
```

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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