

Converting Colors

YIQ(188.0190, -91.5500,
-58.9260)

Have a look what the booklet for
YIQ(188.0190, -91.5500, -58.9260)
contains.

YIQ(188.0190, -91.5500, -58.9260)	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(188.0190, -91.5500,
-58.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	40FBBD
RGB	64, 251, 189
RGB Percent	25%, 98%, 74%
CMY	0.7495, 0.0154, 0.2591
CMYK	0.75, 0.00, 0.25, 0.02
HSL	160°, 96%, 62%
HSV	160°, 75%, 98%
XYZ	45.8046, 73.7999, 59.9290
YIQ	188.0190, -91.5500, -58.9260

Conversions

Conversions Part 2

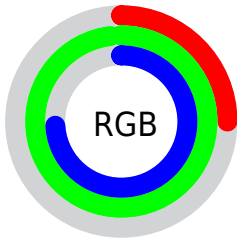
Format	Color
RYB	64, 176, 251
Decimal	4258749
CIELab	88.83, -59.84, 16.83
CIELCh	89, 62.160, 164.287
Yxy	73.7999, 0.2551, 0.4111
Android (android.graphics.Color)	4282448829 (0xFF40FBBD)
YUV	188.0190, 0.4836, -108.7647
Hunter-Lab	85.9069, -55.1627, 18.7738

Details

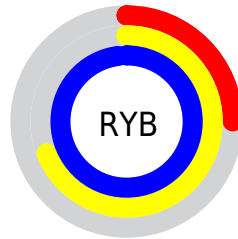
The YIQ color **188.0190, -91.5500, -58.9260** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **126.9810, 91.5500, 58.9260**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5780, -67.1180, -28.1260**, and **128.7950, -96.7310, -58.6430** is the 20% darker color. If you saturate the color by 10%, you get **179.6320, -103.8820, -66.7140**, and if you desaturate by 10%, it is **196.4060, -79.2180, -51.1380**.

Distribution



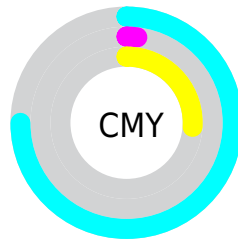
- Red (25%)
- Green (98%)
- Blue (74%)



- Red (25%)
- Yellow (69%)
- Blue (98%)



- Cyan (75%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (75%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0190, -91.5500, -58.9260 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 188.0190, -91.5500, -58.9260 by changing the saturation by 10% instead.

■ 188.0190,
-91.5500, -58.9260

■ 188.0190,
-91.5500, -58.9260

■ 255.0000, -0.0000,
-0.0000

■ 148.7820,
-113.0520, -65.7240

■ 218.5780,
-67.1180, -28.1260

■ 128.6810,
-96.4100, -58.9540

■ 229.2860,
-51.2560, -18.2320

■ 109.3950,
-80.6850, -52.0850

■ 238.8540,
-32.1840, -11.4480

■ 90.8100, -65.5560,
-45.4280

■ 248.1230,
-13.7080, -4.8760

■ 72.2250, -50.4270,
-38.7710

■ 55.0420, -36.4900,
-32.5380

■ 37.9730, -22.8740,

-25.9940

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,
0.0000

■ 188.0190,
-91.5500, -58.9260

■ 188.0190,
-91.5500, -58.9260

■ 179.6320,
-103.8820, -66.7140

■ 196.4060,
-79.2180, -51.1380

■ 171.1310,
-115.8930, -74.8130

■ 204.9070,
-67.2070, -43.0390

■ 166.4890,
-122.9530, -79.0250

■ 213.2940,
-54.8750, -35.2510

■ 221.6810,
-42.5430, -27.4630

■ 230.1820,
-30.5320, -19.3640

■ 238.8680,
-17.6040, -11.3640

■ 247.2550, -5.2720,
-3.5760

■ 252.6520, 1.1000,
2.0920

Harmonies

Analogous

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



207.0670, -12.4160, -50.3360



188.0190, -91.5500, -58.9260



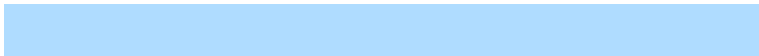
177.0110, -149.8250, -54.5690

Triad

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



188.0190, -91.5500, -58.9260



210.5350, -38.0550, 1.3450



202.3160, 54.6520, 0.7320

Complementary

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



188.0190, -91.5500, -58.9260



126.9810, 91.5500, 58.9260

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.



200.8410, 40.8930, 24.3250



188.0190, -91.5500, -58.9260



220.3670, 16.2250, 30.8570

Square

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



188.0190, -91.5500, -58.9260



168.7760, -147.3050, -45.1690



209.2140, 21.4500, 40.7940



211.1260, 60.1580, -21.9700

Rectangle

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



188.0190, -91.5500, -58.9260



176.4070, -150.8800, -51.9680



209.2140, 21.4500, 40.7940



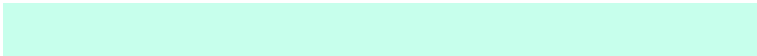
200.6180, 51.1660, 8.8460

Sweetspot

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



188.0190, -91.5500, -58.9260



236.0900, -27.2770, -17.7810



192.3070, -14.4730, -84.6570



116.4660, -16.4120, -10.9400



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.



188.0190, -91.5500, -58.9260



178.5770, -111.2170, -71.4490



176.8900, -102.9270, -23.4310



120.6570, -6.4640, -4.0000



125.3070, -92.4210, -59.6610



40.4810, -29.9360, -19.1520

Inverse Universe

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



126.9810, 91.5500, 58.9260



104.4230, 111.2170, 71.4490



138.1100, 102.9270, 23.4310



116.4570, 6.1430, 4.3110



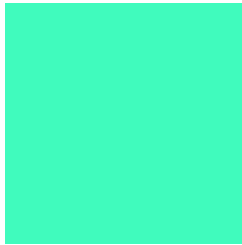
63.6930, 92.4210, 59.6610



20.5190, 29.9360, 19.1520

Previews

White Background



This preview shows how the YIQ color 188.0190, -91.5500, -58.9260 looks on a white background.

Color Contrast Check

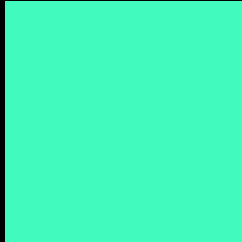
Large Text (above 18pt) WCAG AA × Fail

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 188.0190, -91.5500, -58.9260 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 188.0190, -91.5500, -58.9260 Background



This preview shows how black text looks on a background with the YIQ color 188.0190, -91.5500, -58.9260.



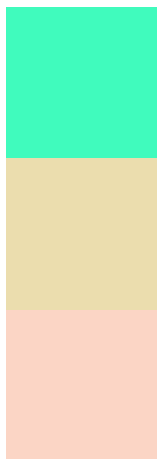
This preview shows how white text looks on a background with the YIQ color 188.0190, -91.5500, -58.9260.

-58.9260.

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

188.0190, -91.5500, -58.9260

Protanopia

219.8280, 23.4310, -11.6490

Deuteranopia

222.5380, 27.7840, 3.0800



Tritanopia

207.6460, -69.8250, -17.6090

Trichromacy



Original Color

188.0190, -91.5500, -58.9260



Protanomaly

208.3170, -18.1510, -28.9910



Deuteranomaly

210.0820, -15.6310, -19.5910



Tritanomaly

200.6690, -77.8000, -32.7760

Monochromacy



Original Color

188.0190, -91.5500, -58.9260



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0460, -33.1450, -21.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0190, -91.5500, -58.9260 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(64, 251, 189)` looks like.

```
.text, #text, p{  
    color:rgb(64, 251, 189)  
}
```

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(64, 251, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 251, 189) }
```

Border

The CSS property to change the border of an element to YIQ 188.0190, -91.5500, -58.9260 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(64, 251, 189) }
```


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

```
.border{ border-color:rgb(64, 251, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 251, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 251, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 251, 189);  
box-shadow:4px 4px 4px 4px rgb(64, 251,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0190, -91.5500, -58.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 251, 189) }
```

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

```
.background{ background-color: rgb(64, 251,  
189) }
```

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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