

Converting Colors

YIQ(196.6180, -82.9310,
-55.4350)

Have a look what the booklet for
YIQ(196.6180, -82.9310, -55.4350)
contains.

YIQ(196.6180, -82.9310, -55.4350)	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(196.6180, -82.9310,
-55.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	53FFC2
RGB	83, 255, 194
RGB Percent	33%, 100%, 76%
CMY	0.6749, 0.0000, 0.2395
CMYK	0.67, 0.00, 0.24, 0.00
HSL	159°, 100%, 66%
HSV	159°, 67%, 100%
XYZ	49.0468, 77.2456, 63.3215
YIQ	196.6180, -82.9310, -55.4350

Conversions

Conversions Part 2

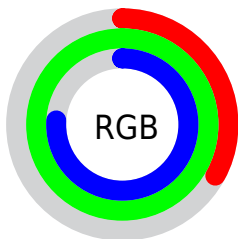
Format	Color
RYB	83, 188, 255
Decimal	5504962
CIELab	90.43, -57.72, 16.57
CIELCh	90, 60.054, 163.985
Yxy	77.2456, 0.2587, 0.4074
Android (android.graphics.Color)	4283695042 (0xFF53FFC2)
YUV	196.6180, -1.2907, -99.6430
Hunter-Lab	87.8895, -54.1946, 18.8062

Details

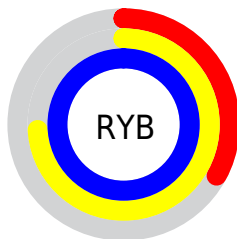
The YIQ color **196.6180, -82.9310, -55.4350** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted cyan. A complement of this color would be **141.3820, 82.9310, 55.4350**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.1490, -61.2960, -23.5040**, and **131.5990, -99.1150, -59.4910** is the 20% darker color. If you saturate the color by 10%, you get **187.8180, -95.5380, -63.7460**, and if you desaturate by 10%, it is **205.1190, -70.9200, -47.3360**.

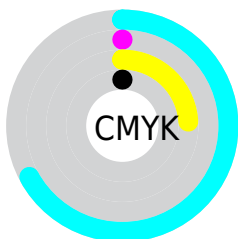
Distribution



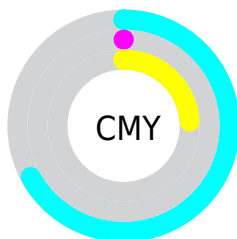
- Red (33%)
- Green (100%)
- Blue (76%)



- Red (33%)
- Yellow (74%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6180, -82.9310, -55.4350 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 196.6180, -82.9310, -55.4350 by changing the saturation by 10% instead.

■ 196.6180,
-82.9310, -55.4350

■ 196.6180,
-82.9310, -55.4350

■ 255.0000, -0.0000,
-0.0000

■ 163.0620,
-93.1090, -58.2050

■ 223.1490,
-61.2960, -23.5040

■ 131.5990,
-99.1150, -59.4910

■ 233.1730,
-43.5080, -15.4760

■ 112.3130,
-83.3900, -52.6220

■ 242.4420,
-25.0320, -8.9040

■ 93.6140, -67.9400,
-46.2760

■ 251.7110, -6.5560,
-2.3320

■ 75.0290, -52.8110,
-39.6190

■ 57.2590, -38.5990,
-32.8630

■ 40.1900, -24.9830,

-26.3190

■ 24.0670, -11.2750,
-21.4430

■ 1.7610, -0.8250,
-1.5690

■ 196.6180,
-82.9310, -55.4350

■ 196.6180,
-82.9310, -55.4350

■ 187.8180,
-95.5380, -63.7460

■ 205.1190,
-70.9200, -47.3360

■ 179.3170,
-107.5490, -71.8450

■ 213.9190,
-58.3130, -39.0250

■ 170.5170,
-120.1560, -80.1560

■ 222.4200,
-46.3020, -30.9260

■ 168.4950,
-123.0900, -82.0500

■ 231.2200,
-33.6950, -22.6150

■ 239.7210,
-21.6840, -14.5160

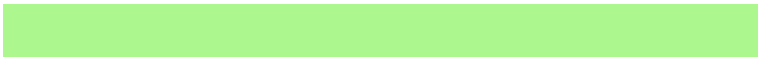
■ 248.5210, -9.0770,
-6.2050

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



212.6050, -10.9950, -48.5550



196.6180, -82.9310, -55.4350



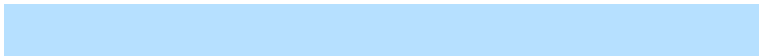
178.6410, -151.6590, -54.3710

Triad

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



196.6180, -82.9310, -55.4350



214.9760, -34.9830, 0.7370



206.6360, 50.7550, -0.2290

Complementary

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



196.6180, -82.9310, -55.4350



141.3820, 82.9310, 55.4350

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.



205.0470, 37.3170, 23.0530



196.6180, -82.9310, -55.4350



223.8890, 14.5750, 27.7190

Square

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



196.6180, -82.9310, -55.4350



171.1240, -148.4050, -47.2610



213.3230, 19.5250, 37.1330



215.0870, 55.8940, -21.7860

Rectangle

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



196.6180, -82.9310, -55.4350



178.7550, -151.9800, -54.0600



213.3230, 19.5250, 37.1330



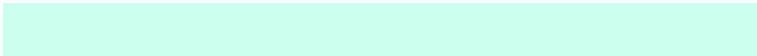
204.9380, 47.2690, 7.8850

Sweetspot

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



196.6180, -82.9310, -55.4350



237.6990, -24.6180, -16.4100



202.8010, -9.7520, -76.6000



117.4770, -14.9450, -9.9930



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.



196.6180, -82.9310, -55.4350



184.7850, -99.9390, -66.5870



190.0710, -96.1870, -24.4350



123.5430, -6.1430, -4.3110



126.1390, -92.0080, -61.6400



42.2420, -30.7610, -20.7210

Inverse Universe

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



141.3820, 82.9310, 55.4350



118.3290, 99.6180, 66.8980



147.9290, 96.1870, 24.4350



119.3430, 6.4640, 4.0000



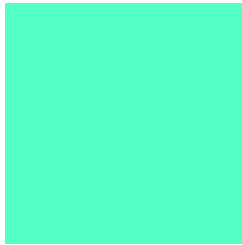
64.8610, 92.0080, 61.6400



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 196.6180, -82.9310, -55.4350 looks on a white background.

Color Contrast Check

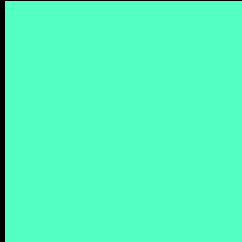
Large Text (above 18pt) WCAG AA × Fail

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 196.6180, -82.9310, -55.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

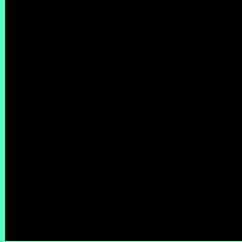
Any Text WCAG AA ✓ Pass

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 196.6180, -82.9310, -55.4350 Background



This preview shows how black text looks on a background with the YIQ color 196.6180, -82.9310, -55.4350.



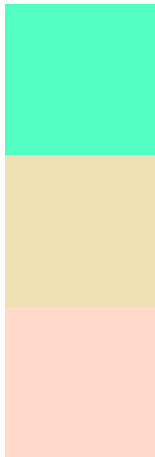
This preview shows how white text looks on a background with the YIQ color 196.6180, -82.9310, -55.4350.

-55.4350.

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

196.6180, -82.9310, -55.4350

Protanopia

224.3550, 23.3850, -10.8150

Deuteranopia

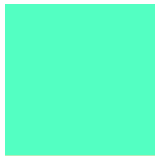
227.3530, 26.8670, 3.1790



Tritanopia

216.2950, -55.4750, -13.3550

Trichromacy



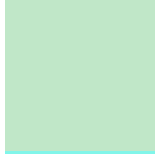
Original Color

196.6180, -82.9310, -55.4350



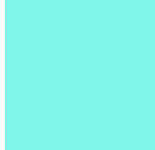
Protanomaly

214.3390, -15.2170, -27.0970



Deuteranomaly

215.8050, -13.2930, -17.9090



Tritanomaly

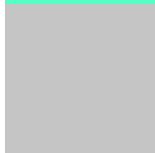
208.9480, -65.2840, -28.3240

Monochromacy



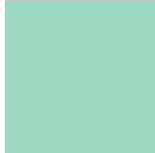
Original Color

196.6180, -82.9310, -55.4350



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.9540, -29.8900, -19.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6180, -82.9310, -55.4350 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(83, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(83, 255, 194)  
}
```

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(83, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 255, 194) }
```

Border

The CSS property to change the border of an element to YIQ 196.6180, -82.9310, -55.4350 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(83, 255, 194) }
```


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

```
.border{ border-color:rgb(83, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(83, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(83, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6180, -82.9310, -55.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 255, 194) }
```

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

```
.background{ background-color: rgb(83, 255,  
194) }
```

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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