

Converting Colors

YIQ(187.4400, -102.9210,
-56.5930)

Have a look what the booklet for
YIQ(187.4400, -102.9210, -56.5930)
contains.

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Color

**YIQ(187.4400, -102.9210,
-56.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	36FCCD
RGB	54, 252, 205
RGB Percent	21%, 99%, 80%
CMY	0.7887, 0.0114, 0.1964
CMYK	0.79, 0.00, 0.19, 0.01
HSL	166°, 97%, 60%
HSV	166°, 79%, 99%
XYZ	47.3590, 74.8570, 69.6503
YIQ	187.4400, -102.9210, -56.5930

Conversions

Conversions Part 2

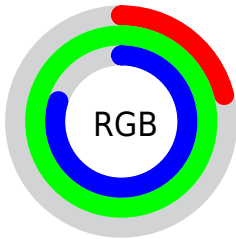
Format	Color
RYB	54, 166, 252
Decimal	3603661
CIELab	89.33, -57.60, 9.27
CIELCh	89, 58.341, 170.857
Yxy	74.8570, 0.2468, 0.3902
Android (android.graphics.Color)	4281793741 (0xFF36FCCD)
YUV	187.4400, 8.6571, -117.0269
Hunter-Lab	86.5199, -53.7031, 12.8343

Details

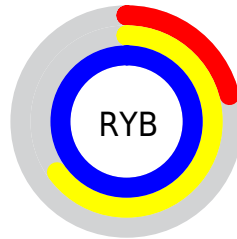
The YIQ color **187.4400, -102.9210, -56.5930** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **118.5600, 102.9210, 56.5930**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.2230, -73.3080, -26.0760**, and **131.0920, -101.8210, -54.5010** is the 20% darker color. If you saturate the color by 10%, you get **179.2810, -115.8950, -63.7590**, and if you desaturate by 10%, it is **195.5990, -89.9470, -49.4270**.

Distribution



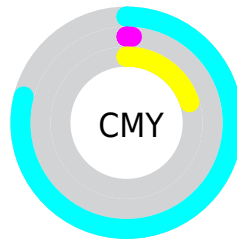
- Red (21%)
- Green (99%)
- Blue (80%)



- Red (21%)
- Yellow (65%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (79%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4400, -102.9210, -56.5930 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 187.4400, -102.9210, -56.5930 by changing the saturation by 10% instead.

187.4400,
-102.9210, -56.5930

187.4400,
-102.9210, -56.5930

255.0000, -0.0000,
-0.0000

151.0790,
-118.1420, -61.5820

218.2230,
-73.3080, -26.0760

131.0920,
-101.8210, -54.5010

228.0900,
-53.6400, -19.0800

111.6920,
-85.7750, -47.9430

237.6580,
-34.5680, -12.2960

92.9930, -70.3250,
-41.5970

247.2260,
-15.4960, -5.5120

74.4080, -55.1960,
-34.9400

57.1110, -40.9380,
-29.0180

40.0420, -27.3220,

-22.4740

■ 23.4460, -13.6600,
-16.7640

■ 0.0000, 0.0000,
0.0000

■ 187.4400,
-102.9210, -56.5930

■ 187.4400,
-102.9210, -56.5930

■ 179.2810,
-115.8950, -63.7590

■ 195.5990,
-89.9470, -49.4270

■ 170.8230,
-129.4650, -71.1370

■ 203.7580,
-76.9730, -42.2610

■ 169.8120,
-130.9320, -72.0840

■ 212.2160,
-63.4030, -34.8830

■ 220.3750,
-50.4290, -27.7170

■ 228.5340,
-37.4550, -20.5510

■ 236.6930,
-24.4810, -13.3850

■ 244.8520,
-11.5070, -6.2190

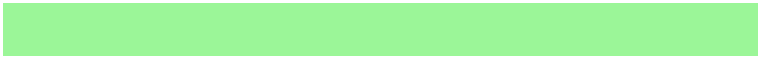
■ 253.0110, 1.4670,
0.9470

■ 253.2390, 0.8250,
1.5690

Harmonies

Analogous

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



208.0750, -24.0620, -48.5260



187.4400, -102.9210, -56.5930



177.5810, -151.4300, -53.0140

Triad

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



187.4400, -102.9210, -56.5930



216.2600, -20.8630, 9.1610



206.6700, 53.4150, -4.3850

Complementary

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



187.4400, -102.9210, -56.5930



118.5600, 102.9210, 56.5930

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.



203.3370, 42.1320, 18.3880



187.4400, -102.9210, -56.5930



219.7800, 16.5000, 31.3800

Square

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



187.4400, -102.9210, -56.5930



192.1310, -96.4160, -25.7920



209.7210, 24.1560, 35.8040



215.3320, 56.5820, -23.2420

Rectangle

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



187.4400, -102.9210, -56.5930



175.8200, -150.6050, -51.4450



209.7210, 24.1560, 35.8040



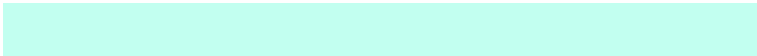
204.7440, 50.5710, 3.1070

Sweetspot

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



187.4400, -102.9210, -56.5930



235.0510, -31.5410, -17.5970



184.8770, -25.2460, -93.1660



115.9110, -19.1630, -10.6430



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.



187.4400, -102.9210, -56.5930



176.7420, -124.7430, -68.6070



164.0350, -104.5330, -16.3490



120.7710, -6.7850, -3.6890



127.3590, -98.1990, -54.0630



41.1650, -31.8620, -17.2860

Inverse Universe

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



118.5600, 102.9210, 56.5930



93.2580, 124.7430, 68.6070



141.9650, 104.5330, 16.3490



116.2290, 6.7850, 3.6890



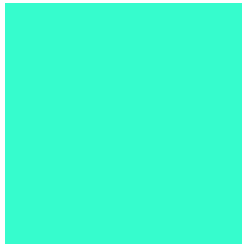
61.6410, 98.1990, 54.0630



19.9490, 31.5410, 17.5970

Previews

White Background



This preview shows how the YIQ color 187.4400, -102.9210, -56.5930 looks on a white background.

Color Contrast Check

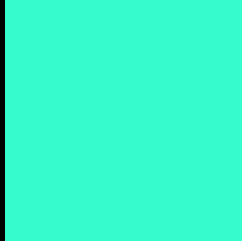
Large Text (above 18pt) WCAG AA × Fail

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 187.4400, -102.9210, -56.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

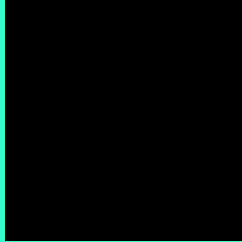
Any Text WCAG AA ✓ Pass

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 187.4400, -102.9210, -56.5930 Background



This preview shows how black text looks on a background with the YIQ color 187.4400, -102.9210, -56.5930.



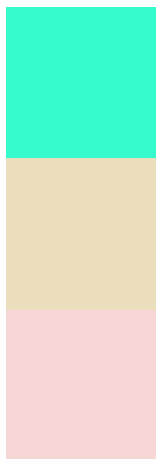
This preview shows how white text looks on a background with the YIQ color 187.4400, -102.9210, -56.5930.

-56.5930.

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

187.4400, -102.9210, -56.5930

Protanopia

221.8260, 17.7450, -7.7190

Deuteranopia

224.3400, 19.7140, 6.1620



Tritanopia

209.7280, -67.1200, -17.0720

Trichromacy



Original Color

187.4400, -102.9210, -56.5930



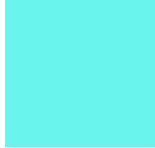
Protanomaly

209.2330, -26.5420, -25.5980



Deuteranomaly

210.6990, -24.6180, -16.4100



Tritanomaly

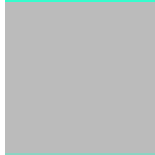
201.6410, -80.5970, -31.6450

Monochromacy



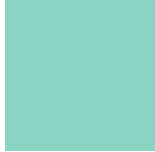
Original Color

187.4400, -102.9210, -56.5930



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

187.5340, -37.4550, -20.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4400, -102.9210, -56.5930 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(54, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(54, 252, 205)  
}
```

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(54, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 252, 205) }
```

Border

The CSS property to change the border of an element to YIQ 187.4400, -102.9210, -56.5930 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(54, 252, 205) }
```


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

```
.border{ border-color:rgb(54, 252, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 252, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(54, 252,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4400, -102.9210, -56.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 252, 205) }
```

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

```
.background{ background-color: rgb(54, 252,  
205) }
```

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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