

Converting Colors

YIQ(192.1600, -95.3600,
-33.9200)

Have a look what the booklet for
YIQ(192.1600, -95.3600, -33.9200)
contains.

YIQ(192.1600, -95.3600, -33.9200)	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(192.1600, -95.3600,
-33.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	50F0F0
RGB	80, 240, 240
RGB Percent	31%, 94%, 94%
CMY	0.6866, 0.0585, 0.0592
CMYK	0.67, 0.00, 0.00, 0.06
HSL	180°, 84%, 63%
HSV	180°, 67%, 94%
XYZ	50.1938, 70.3466, 93.2957
YIQ	192.1600, -95.3600, -33.9200

Conversions

Conversions Part 2

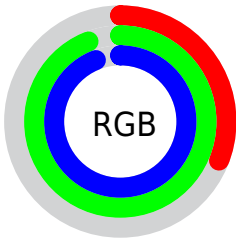
Format	Color
RYB	80, 160, 240
Decimal	5304560
CIELab	87.17, -40.54, -12.09
CIELCh	87, 42.299, 196.604
Yxy	70.3466, 0.2347, 0.3290
Android (android.graphics.Color)	4283494640 (0xFF50F0F0)
YUV	192.1600, 23.5851, -98.3643
Hunter-Lab	83.8729, -39.9540, -7.2400

Details

The YIQ color **192.1600, -95.3600, -33.9200** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **127.8400, 95.3600, 33.9200**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, -63.7720, -22.6840**, and **128.3970, -109.3890, -38.4850** is the 20% darker color. If you saturate the color by 10%, you get **184.9840, -109.6640, -39.0080**, and if you desaturate by 10%, it is **199.3360, -81.0560, -28.8320**.

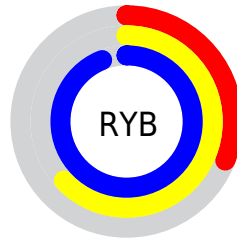
Distribution



Red (31%)

Green (94%)

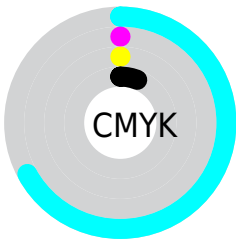
Blue (94%)



Red (31%)

Yellow (63%)

Blue (94%)

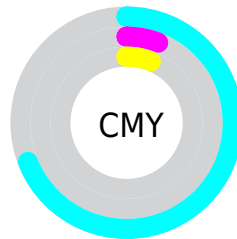


Cyan (67%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (69%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.1600, -95.3600, -33.9200 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 192.1600, -95.3600, -33.9200 by changing the saturation by 10% instead.

192.1600,
-95.3600, -33.9200

192.1600,
-95.3600, -33.9200

255.0000, -0.0000,
-0.0000

157.2940,
-107.6010, -37.8490

223.0070,
-63.7720, -22.6840

128.3970,
-109.3890, -38.4850

232.5750,
-44.7000, -15.9000

109.4700,
-93.2970, -32.7610

241.8440,
-26.2240, -9.3280

90.6570, -77.5260,
-26.7260

251.4120, -7.1520,
-2.5440

73.1320, -62.6260,
-21.4260

55.7210, -48.0470,
-15.8150

39.0110, -34.0640,

-10.4160

■ 24.1760, -21.2270,
-6.2750

■ 2.4110, -5.4110,
4.4530

■ 192.1600,
-95.3600, -33.9200

■ 192.1600,
-95.3600, -33.9200

■ 184.9840,
-109.6640, -39.0080

■ 199.3360,
-81.0560, -28.8320

■ 177.8080,
-123.9680, -44.0960

■ 206.5120,
-66.7520, -23.7440

■ 170.6320,
-138.2720, -49.1840

■ 213.6880,
-52.4480, -18.6560

■ 168.2400,
-143.0400, -50.8800

■ 220.8640,
-38.1440, -13.5680

■ 228.0400,
-23.8400, -8.4800

■ 235.2160, -9.5360,
-3.3920

■ 242.3920, 4.7680,
1.6960

■ 244.4850, 8.9400,
3.1800

Harmonies

Analogous

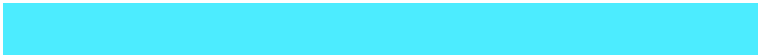
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.1370, -52.9950, -36.2830



192.1600, -95.3600, -33.9200



190.3260, -101.4590, -28.0110

Triad

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



192.1600, -95.3600, -33.9200



221.5190, 12.7410, 27.9170



215.4750, 49.2900, -12.2300

Complementary

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



192.1600, -95.3600, -33.9200



127.8400, 95.3600, 33.9200

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.



209.7650, 46.0780, 1.9340



192.1600, -95.3600, -33.9200



214.9070, 23.3320, 28.7080

Square

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



192.1600, -95.3600, -33.9200



214.1780, -23.5680, 8.6240



209.0590, 37.0430, 17.0030



213.5380, 26.6430, -25.8130

Rectangle

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



192.1600, -95.3600, -33.9200



197.8560, -79.2240, -17.9760



209.0590, 37.0430, 17.0030



213.1100, 49.0600, -8.0600

Sweetspot

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



192.1600, -95.3600, -33.9200



239.7510, -30.3960, -10.8120



174.8170, -42.2120, -83.0440



118.6170, -18.1550, -6.8830



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.



192.1600, -95.3600, -33.9200



194.0040, -121.5840, -43.2480



146.9610, -74.1850, 6.3510



116.4120, -7.1520, -2.5440



128.8700, -109.3430, -39.3190



39.2560, -33.3760, -11.8720

Inverse Universe

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



127.8400, 95.3600, 33.9200



111.9960, 121.5840, 43.2480



173.0390, 74.1850, -6.3510



111.5880, 7.1520, 2.5440



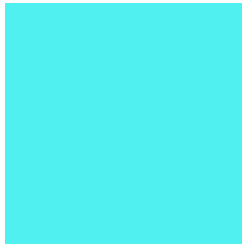
55.0160, 109.6640, 39.0080



16.7440, 33.3760, 11.8720

Previews

White Background



This preview shows how the YIQ color 192.1600, -95.3600, -33.9200 looks on a white background.

Color Contrast Check

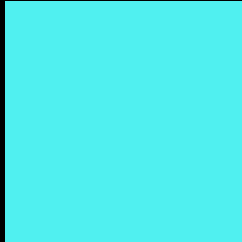
Large Text (above 18pt) WCAG AA × Fail

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 192.1600, -95.3600, -33.9200 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 192.1600, -95.3600, -33.9200 Background



This preview shows how black text looks on a background with the YIQ color 192.1600, -95.3600, -33.9200.



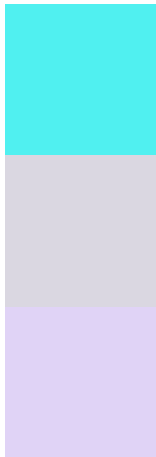
This preview shows how white text looks on a background with the YIQ color 192.1600, -95.3600, -33.9200.

-33.9200.

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

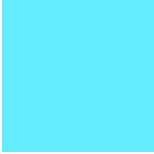
192.1600, -95.3600, -33.9200

Protanopia

217.0370, -1.4220, 3.7460

Deuteranopia

218.8770, -3.4870, 13.6410



Tritanopia

198.0890, -87.4300, -23.4460

Trichromacy



Original Color

192.1600, -95.3600, -33.9200



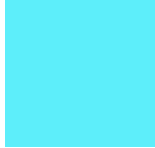
Protanomaly

207.9400, -35.3020, -10.0060



Deuteranomaly

209.5580, -36.8620, -3.7580



Tritanomaly

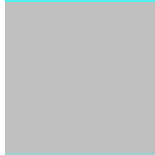
196.0130, -90.2720, -27.0080

Monochromacy



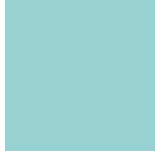
Original Color

192.1600, -95.3600, -33.9200



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

191.6580, -34.5680, -12.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.1600, -95.3600, -33.9200 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(80, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(80, 240, 240)  
}
```

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(80, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 240, 240) }
```

Border

The CSS property to change the border of an element to YIQ 192.1600, -95.3600, -33.9200 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(80, 240, 240) }
```


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

```
.border{ border-color:rgb(80, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(80, 240,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 192.1600, -95.3600, -33.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 240, 240) }
```

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

```
.background{ background-color: rgb(80, 240,  
240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor