

Converting Colors

YIQ(193.6010, -92.2880,
-34.5280)

Have a look what the booklet for
YIQ(193.6010, -92.2880, -34.5280)
contains.

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Color

**YIQ(193.6010, -92.2880,
-34.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	54F1ED
RGB	84, 241, 237
RGB Percent	33%, 95%, 93%
CMY	0.6709, 0.0546, 0.0709
CMYK	0.65, 0.00, 0.02, 0.05
HSL	178°, 85%, 64%
HSV	178°, 65%, 95%
XYZ	50.3949, 70.9391, 91.0864
YIQ	193.6010, -92.2880, -34.5280

Conversions

Conversions Part 2

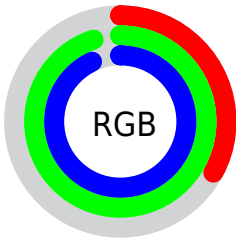
Format	Color
R _Y B	84, 164, 241
Decimal	5566957
CIE Lab	87.46, -41.24, -10.08
CIE LCh	87, 42.455, 193.732
Yxy	70.9391, 0.2372, 0.3340
Android (android.graphics.Color)	4283757037 (0xFF54F1ED)
YUV	193.6010, 21.3957, -96.1201
Hunter-Lab	84.2253, -40.5916, -5.1620

Details

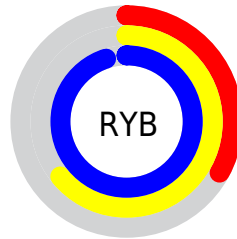
The YIQ color **193.6010, -92.2880, -34.5280** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **131.3990, 92.2880, 34.5280**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9040, -61.9840, -22.0480**, and **128.6420, -108.7010, -39.9410** is the 20% darker color. If you saturate the color by 10%, you get **186.3110, -106.2710, -39.9270**, and if you desaturate by 10%, it is **200.8910, -78.3050, -29.1290**.

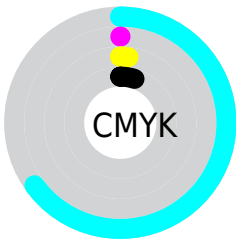
Distribution



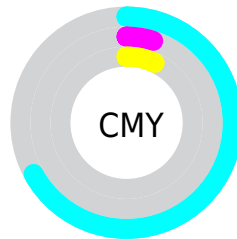
- Red (33%)
- Green (95%)
- Blue (93%)



- Red (33%)
- Yellow (64%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (67%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.6010, -92.2880, -34.5280 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 193.6010, -92.2880, -34.5280 by changing the saturation by 10% instead.

193.6010,
-92.2880, -34.5280

193.6010,
-92.2880, -34.5280

255.0000, -0.0000,
-0.0000

159.9310,
-102.1450, -37.6090

223.9040,
-61.9840, -22.0480

128.6420,
-108.7010, -39.9410

233.4720,
-42.9120, -15.2640

109.7150,
-92.6090, -34.2170

242.7410,
-24.4360, -8.6920

90.9020, -76.8380,
-28.1820

252.0100, -5.9600,
-2.1200

72.7900, -61.6630,
-22.3590

55.3790, -47.0840,
-16.7480

38.7830, -33.4220,

-11.0380

■ 23.9480, -20.5850,
-6.8970

■ 2.0690, -4.4480,
3.5200

■ 193.6010,
-92.2880, -34.5280

■ 193.6010,
-92.2880, -34.5280

■ 186.3110,
-106.2710, -39.9270

■ 200.8910,
-78.3050, -29.1290

■ 179.1350,
-120.5750, -45.0150

■ 208.0670,
-64.0010, -24.0410

■ 171.8450,
-134.5580, -50.4140

■ 215.3570,
-50.0180, -18.6420

■ 168.2570,
-141.7100, -52.9580

■ 222.5330,
-35.7140, -13.5540

■ 229.8230,
-21.7310, -8.1550

■ 237.4120, -7.1520,
-2.5440

■ 244.5880, 7.1520,
2.5440

■ 245.3000, 8.0230,
3.2790

■ 245.4140, 7.7020,
3.5900

Harmonies

Analogous

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



202.2900, -49.0520, -36.1560



193.6010, -92.2880, -34.5280



190.3040, -104.3930, -29.9050

Triad

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



193.6010, -92.2880, -34.5280



221.7960, 10.4030, 26.2350



215.1160, 48.9230, -11.0850

Complementary

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



193.6010, -92.2880, -34.5280



131.3990, 92.2880, 34.5280

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.



210.1070, 45.1150, 2.8670



193.6010, -92.2880, -34.5280



216.0640, 21.4520, 29.7400

Square

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



193.6010, -92.2880, -34.5280



213.8570, -27.0980, 6.5180



209.6290, 35.4380, 18.5580



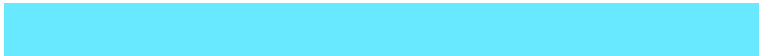
215.0330, 29.6230, -24.7530

Rectangle

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



193.6010, -92.2880, -34.5280



197.2360, -83.3500, -20.2940



209.6290, 35.4380, 18.5580



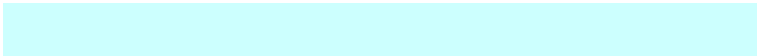
212.8650, 48.3720, -6.6040

Sweetspot

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



193.6010, -92.2880, -34.5280



239.6370, -30.0750, -11.1230



177.6540, -40.1950, -81.0510



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.



193.6010, -92.2880, -34.5280



194.9290, -116.9990, -43.7430



151.2060, -73.4970, 4.8950



116.4120, -7.1520, -2.5440



128.4140, -108.0590, -40.5630



39.1420, -33.0550, -12.1830

Inverse Universe

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



131.3990, 92.2880, 34.5280



116.0710, 116.9990, 43.7430



173.7940, 73.4970, -4.8950



111.5880, 7.1520, 2.5440



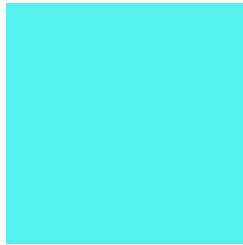
55.5860, 108.0590, 40.5630



16.8580, 33.0550, 12.1830

Previews

White Background



This preview shows how the YIQ color 193.6010, -92.2880, -34.5280 looks on a white background.

Color Contrast Check

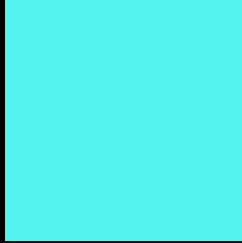
Large Text (above 18pt) WCAG AA × Fail

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 193.6010, -92.2880, -34.5280 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 193.6010, -92.2880, -34.5280 Background



This preview shows how black text looks on a background with the YIQ color 193.6010, -92.2880, -34.5280.

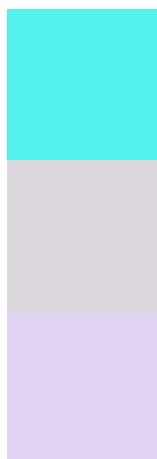


This preview shows how white text looks on a background with the YIQ color 193.6010, -92.2880, -34.5280.

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

193.6010, -92.2880, -34.5280

Protanopia

217.8800, 0.4580, 2.7140

Deuteranopia

219.7200, -1.6070, 12.6090



Tritanopia

200.1820, -83.2580, -21.9620

Trichromacy



Original Color

193.6010, -92.2880, -34.5280



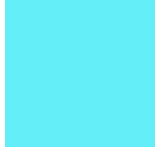
Protanomaly

209.0820, -32.8260, -10.8260



Deuteranomaly

210.4010, -34.9820, -4.7900



Tritanomaly

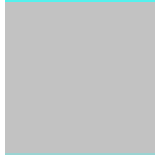
197.5790, -86.0540, -26.3580

Monochromacy



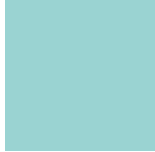
Original Color

193.6010, -92.2880, -34.5280



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.8430, -33.6510, -12.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6010, -92.2880, -34.5280 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(84, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(84, 241, 237)  
}
```

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(84, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 241, 237) }
```

Border

The CSS property to change the border of an element to YIQ 193.6010, -92.2880, -34.5280 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(84, 241, 237) }
```


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

```
.border{ border-color:rgb(84, 241, 237) }
```

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

Here you see how a box with a 4 pixel rgb(84, 241, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(84, 241,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6010, -92.2880, -34.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 241, 237) }
```

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

```
.background{ background-color: rgb(84, 241,  
237) }
```

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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