

Converting Colors

YIQ(193.4280, -84.3110,
-30.4150)

Have a look what the booklet for
YIQ(193.4280, -84.3110, -30.4150)
contains.

YIQ(193.4280, -84.3110, -30.4150)	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(193.4280, -84.3110,
-30.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	5EECEB
RGB	94, 236, 235
RGB Percent	37%, 93%, 92%
CMY	0.6317, 0.0743, 0.0788
CMYK	0.60, 0.00, 0.00, 0.07
HSL	180°, 79%, 65%
HSV	180°, 60%, 93%
XYZ	49.6030, 68.3936, 89.1197
YIQ	193.4280, -84.3110, -30.4150

Conversions

Conversions Part 2

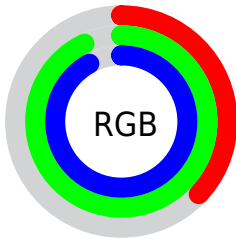
Format	Color
RYB	94, 165, 236
Decimal	6221035
CIELab	86.20, -37.97, -10.87
CIELCh	86, 39.499, 195.976
Yxy	68.3936, 0.2395, 0.3302
Android (android.graphics.Color)	4284411115 (0xFF5EECEB)
YUV	193.4280, 20.4950, -87.1984
Hunter-Lab	82.7005, -37.6631, -6.0018

Details

The YIQ color **193.4280, -84.3110, -30.4150** 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 **136.5720, 84.3110, 30.4150**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9970, -57.8120, -20.5640**, and **126.0660, -106.9590, -38.4710** is the 20% darker color. If you saturate the color by 10%, you get **186.2520, -98.6150, -35.5030**, and if you desaturate by 10%, it is **200.6040, -70.0070, -25.3270**.

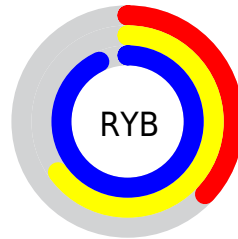
Distribution



Red (37%)

Green (93%)

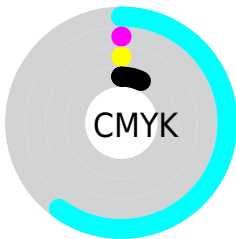
Blue (92%)



Red (37%)

Yellow (65%)

Blue (93%)

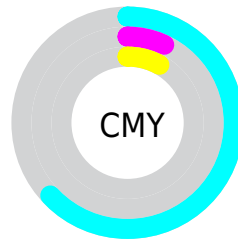


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4280, -84.3110, -30.4150 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 193.4280, -84.3110, -30.4150 by changing the saturation by 10% instead.

■ 193.4280,
-84.3110, -30.4150

■ 193.4280,
-84.3110, -30.4150

■ 255.0000, -0.0000,
-0.0000

■ 162.4380,
-90.2710, -32.5350

■ 225.9970,
-57.8120, -20.5640

■ 126.0660,
-106.9590, -38.4710

■ 235.2660,
-39.3360, -13.9920

■ 106.5520,
-90.5920, -32.2240

■ 244.5350,
-20.8600, -7.4200

■ 88.4400, -75.4170,
-26.4010

■ 253.8040, -2.3840,
-0.8480

■ 70.3280, -60.2420,
-20.5780

■ 53.5040, -45.9380,
-15.4900

■ 36.7940, -31.9550,

-10.0910

■ 22.0730, -19.4390,
-5.6390

■ 1.2540, -3.5310,
3.4210

■ 193.4280,
-84.3110, -30.4150

■ 193.4280,
-84.3110, -30.4150

■ 186.2520,
-98.6150, -35.5030

■ 200.6040,
-70.0070, -25.3270

■ 179.3750,
-112.3230, -40.3790

■ 207.4810,
-56.2990, -20.4510

■ 172.0850,
-126.3060, -45.7780

■ 214.6570,
-41.9950, -15.3630

■ 165.2080,
-140.0140, -50.6540

■ 221.6480,
-28.6080, -10.1760

■ 228.8240,
-14.3040, -5.0880

■ 236.0000, 0.0000,
-0.0000

■ 241.6810, 11.3240,
4.0280

■ 241.7950, 11.0030,
4.3390

Harmonies

Analogous

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



200.3550, -47.6770, -33.5410



193.4280, -84.3110, -30.4150



193.0500, -91.6940, -23.2620

Triad

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



193.4280, -84.3110, -30.4150



219.1380, 9.4400, 27.1680



214.0560, 49.1520, -9.7280

Complementary

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



193.4280, -84.3110, -30.4150



136.5720, 84.3110, 30.4150

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.



209.2920, 46.0320, 2.7680



193.4280, -84.3110, -30.4150



213.9780, 24.5700, 28.2980

Square

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



193.4280, -84.3110, -30.4150



211.8190, -23.9350, 9.7690



209.0590, 37.0430, 17.0030



211.5210, 25.3130, -23.7350

Rectangle

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



193.4280, -84.3110, -30.4150



198.4870, -73.6310, -14.7110



209.0590, 37.0430, 17.0030



212.2780, 48.6470, -6.0810

Sweetspot

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



193.4280, -84.3110, -30.4150



241.2460, -27.4160, -9.7520



177.9520, -37.8580, -73.8420



119.2150, -16.9630, -6.4590



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.



193.4280, -84.3110, -30.4150



199.8700, -109.3430, -39.3190



153.0390, -65.6570, 5.9830



113.7110, -6.5560, -2.3320



126.7670, -107.5550, -38.6830



37.7400, -31.8630, -11.7590

Inverse Universe

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



136.5720, 84.3110, 30.4150



126.2440, 109.0220, 39.6300



176.9610, 65.6570, -5.9830



109.2890, 6.5560, 2.3320



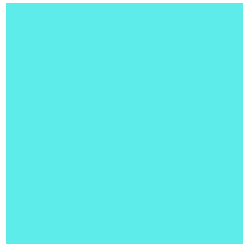
54.2330, 107.5550, 38.6830



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 193.4280, -84.3110, -30.4150 looks on a white background.

Color Contrast Check

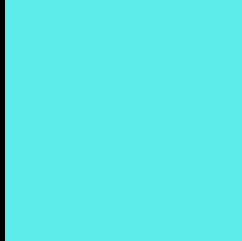
Large Text (above 18pt) WCAG AA × Fail

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 193.4280, -84.3110, -30.4150 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 193.4280, -84.3110, -30.4150 Background



This preview shows how black text looks on a background with the YIQ color 193.4280, -84.3110, -30.4150.



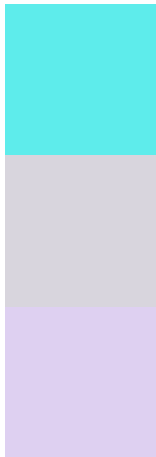
This preview shows how white text looks on a background with the YIQ color 193.4280, -84.3110, -30.4150.

-30.4150.

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

193.4280, -84.3110, -30.4150

Protanopia

214.8090, -0.7800, 3.1240

Deuteranopia

215.9480, -2.2490, 13.2310



Tritanopia

195.9970, -84.1750, -21.8630

Trichromacy



Original Color

193.4280, -84.3110, -30.4150



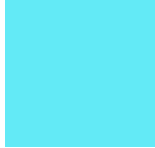
Protanomaly

206.9190, -30.8090, -8.8330



Deuteranomaly

207.5370, -32.3690, -2.5850



Tritanomaly

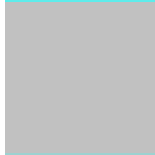
195.0030, -84.3120, -24.8880

Monochromacy



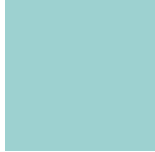
Original Color

193.4280, -84.3110, -30.4150



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.3380, -30.6710, -11.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4280, -84.3110, -30.4150 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(94, 236, 235)` looks like.

```
.text, #text, p{  
    color:rgb(94, 236, 235)  
}
```

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(94, 236, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 236, 235) }
```

Border

The CSS property to change the border of an element to YIQ 193.4280, -84.3110, -30.4150 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(94, 236, 235) }
```


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

```
.border{ border-color:rgb(94, 236, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 236, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 236, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 236, 235);  
box-shadow:4px 4px 4px 4px rgb(94, 236,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4280, -84.3110, -30.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 236, 235) }
```

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

```
.background{ background-color: rgb(94, 236,  
235) }
```

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