

Converting Colors

YIQ(179.4330, -101.0430,
-46.5710)

Have a look what the booklet for
YIQ(179.4330, -101.0430, -46.5710)
contains.

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Color

**YIQ(179.4330, -101.0430,
-46.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	36EDD4
RGB	54, 237, 212
RGB Percent	21%, 93%, 83%
CMY	0.7886, 0.0703, 0.1690
CMYK	0.77, 0.00, 0.11, 0.07
HSL	172°, 84%, 57%
HSV	172°, 77%, 93%
XYZ	43.6930, 66.1425, 72.6869
YIQ	179.4330, -101.0430, -46.5710

Conversions

Conversions Part 2

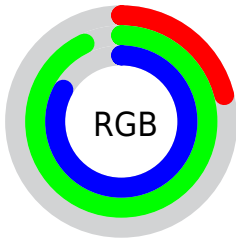
Format	Color
RYB	54, 152, 237
Decimal	3599828
CIELab	85.07, -49.75, -0.54
CIELCh	85, 49.758, 180.619
Yxy	66.1425, 0.2394, 0.3624
Android (android.graphics.Color)	4281789908 (0xFF36EDD4)
YUV	179.4330, 16.0555, -110.0047
Hunter-Lab	81.3281, -46.4261, 3.9392

Details

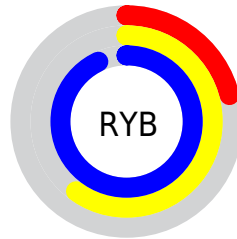
The YIQ color **179.4330, -101.0430, -46.5710** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **111.5670, 101.0430, 46.5710**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.6250, -74.5000, -26.5000**, and **123.6720, -100.2180, -45.0020** is the 20% darker color. If you saturate the color by 10%, you get **171.9150, -114.3840, -52.5920**, and if you desaturate by 10%, it is **186.9510, -87.7020, -40.5500**.

Distribution



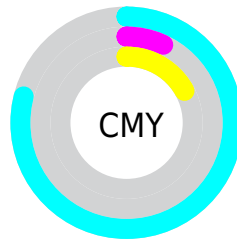
- Red (21%)
- Green (93%)
- Blue (83%)



- Red (21%)
- Yellow (60%)
- Blue (93%)



- Cyan (77%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (79%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4330, -101.0430, -46.5710 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 179.4330, -101.0430, -46.5710 by changing the saturation by 10% instead.

■ 179.4330,
-101.0430, -46.5710

■ 179.4330,
-101.0430, -46.5710

■ 255.0000, -0.0000,
-0.0000

■ 143.0720,
-116.2640, -51.5600

■ 217.6250,
-74.5000, -26.5000

■ 123.5580,
-99.8970, -45.3130

■ 227.1930,
-55.4280, -19.7160

■ 104.7450,
-84.1260, -39.2780

■ 236.7610,
-36.3560, -12.9320

■ 86.0460, -68.6760,
-32.9320

■ 246.3290,
-17.2840, -6.1480

■ 68.0480, -53.8220,
-26.7980

■ 50.7510, -39.5640,
-20.8760

■ 34.2690, -26.2230,

-14.8550

■ 17.7870, -12.8820,
-8.8340

■ 0.0000, 0.0000,
0.0000

■ 179.4330,
-101.0430, -46.5710

■ 179.4330,
-101.0430, -46.5710

■ 171.9150,
-114.3840, -52.5920

■ 186.9510,
-87.7020, -40.5500

■ 164.2830,
-127.4040, -58.9240

■ 194.1700,
-74.9570, -34.7410

■ 162.3750,
-130.6590, -60.5070

■ 201.8020,
-61.9370, -28.4090

■ 209.3200,
-48.5960, -22.3880

■ 216.5390,
-35.8510, -16.5790

■ 224.0570,
-22.5100, -10.5580

■ 231.6890, -9.4900,
-4.2260

■ 239.2070, 3.8510,
1.7950

■ 242.8380, 9.4440,
5.0600

Harmonies

Analogous

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



195.9460, -36.5800, -41.9240



179.4330, -101.0430, -46.5710



167.6020, -146.7550, -44.1230

Triad

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



179.4330, -101.0430, -46.5710



211.6520, -6.9270, 20.9210



204.5840, 56.5330, -5.8270

Complementary

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



179.4330, -101.0430, -46.5710



111.5670, 101.0430, 46.5710

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.



200.3560, 49.1480, 12.3800



179.4330, -101.0430, -46.5710



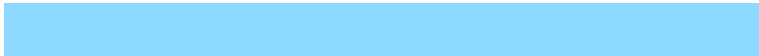
212.7360, 19.8000, 37.6560

Square

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



179.4330, -101.0430, -46.5710



198.6080, -57.4940, -4.2940



203.2520, 35.4820, 28.7780



208.6670, 48.3290, -22.3510

Rectangle

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



179.4330, -101.0430, -46.5710



165.2540, -145.6550, -42.0310



203.2520, 35.4820, 28.7780



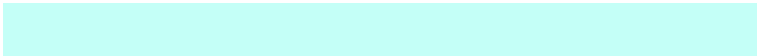
202.7890, 54.6980, -0.1020

Sweetspot

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



179.4330, -101.0430, -46.5710



236.4470, -32.5960, -14.9960



169.4940, -34.2330, -89.9850



116.6660, -19.8510, -9.1870



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.



179.4330, -101.0430, -46.5710



180.3750, -130.6590, -60.5070



144.7150, -91.4680, -5.3240



113.5970, -6.2350, -2.6430



124.0310, -99.8510, -46.1470



36.9420, -29.6160, -13.9360

Inverse Universe

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



111.5670, 101.0430, 46.5710



92.5110, 130.9800, 60.1960



146.2850, 91.4680, 5.3240



109.4030, 6.2350, 2.6430



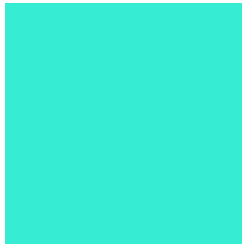
56.9690, 99.8510, 46.1470



16.9440, 29.9370, 13.6250

Previews

White Background



This preview shows how the YIQ color 179.4330, -101.0430, -46.5710 looks on a white background.

Color Contrast Check

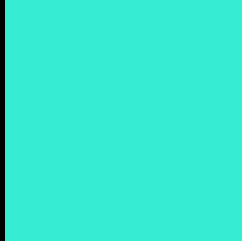
Large Text (above 18pt) WCAG AA × Fail

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 179.4330, -101.0430, -46.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

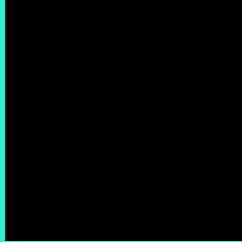
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

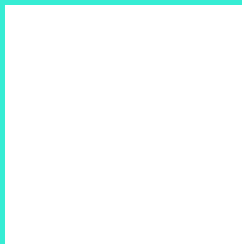
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 179.4330, -101.0430, -46.5710 Background



This preview shows how black text looks on a background with the YIQ color 179.4330, -101.0430, -46.5710.



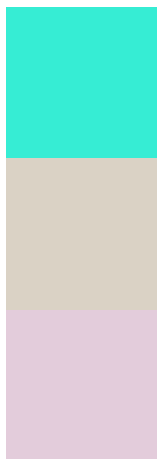
This preview shows how white text looks on a background with the YIQ color 179.4330, -101.0430, -46.5710.

-46.5710.

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

179.4330, -101.0430, -46.5710

Protanopia

210.9100, 8.9410, -2.3470

Deuteranopia

212.5870, 8.8930, 9.5410



Tritanopia

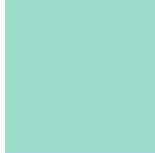
188.3050, -96.9660, -26.8380

Trichromacy



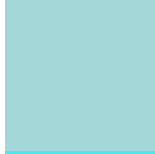
Original Color

179.4330, -101.0430, -46.5710



Protanomaly

199.4100, -31.1740, -18.7420



Deuteranomaly

200.4520, -30.9920, -11.0240



Tritanomaly

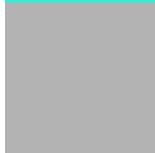
185.1920, -98.3860, -34.1460

Monochromacy



Original Color

179.4330, -101.0430, -46.5710



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

179.2400, -36.4470, -16.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4330, -101.0430, -46.5710 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, 237, 212)` looks like.

```
.text, #text, p{  
    color:rgb(54, 237, 212)  
}
```

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, 237, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 237, 212) }
```

Border

The CSS property to change the border of an element to YIQ 179.4330, -101.0430, -46.5710 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, 237, 212) }
```


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

```
.border{ border-color:rgb(54, 237, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 237, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 237, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 237, 212);  
box-shadow:4px 4px 4px 4px rgb(54, 237,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4330, -101.0430, -46.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 237, 212) }
```

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

```
.background{ background-color: rgb(54, 237,  
212) }
```

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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