

Converting Colors

YIQ(171.8710, -111.0840,
-46.3160)

Have a look what the booklet for
YIQ(171.8710, -111.0840, -46.3160)
contains.

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Color

**YIQ(171.8710, -111.0840,
-46.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	25E8D8
RGB	37, 232, 216
RGB Percent	15%, 91%, 85%
CMY	0.8553, 0.0899, 0.1534
CMYK	0.84, 0.00, 0.07, 0.09
HSL	175°, 81%, 53%
HSV	175°, 84%, 91%
XYZ	42.0188, 63.1027, 74.8571
YIQ	171.8710, -111.0840, -46.3160

Conversions

Conversions Part 2

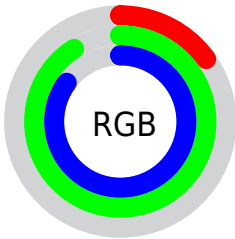
Format	Color
R _Y B	37, 139, 232
Decimal	2484440
CIE Lab	83.50, -47.97, -4.97
CIE LCh	83, 48.226, 185.918
Yxy	63.1027, 0.2335, 0.3506
Android (android.graphics.Color)	4280674520 (0xFF25E8D8)
YUV	171.8710, 21.7556, -118.2819
Hunter-Lab	79.4372, -44.5963, -0.2655

Details

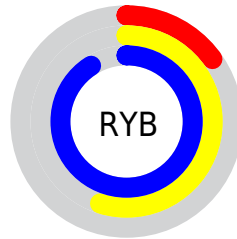
The YIQ color **171.8710, -111.0840, -46.3160** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **97.1290, 111.0840, 46.3160**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.2330, -79.2680, -28.1960**, and **121.0790, -99.8060, -41.4540** is the 20% darker color. If you saturate the color by 10%, you get **164.7660, -124.1500, -51.8140**, and if you desaturate by 10%, it is **178.9760, -98.0180, -40.8180**.

Distribution



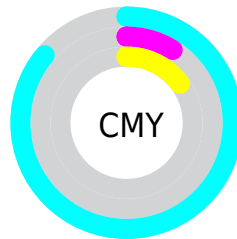
- Red (15%)
- Green (91%)
- Blue (85%)



- Red (15%)
- Yellow (55%)
- Blue (91%)



- Cyan (84%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (86%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8710, -111.0840, -46.3160 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 171.8710, -111.0840, -46.3160 by changing the saturation by 10% instead.

■ 171.8710,
-111.0840, -46.3160

■ 171.8710,
-111.0840, -46.3160

■ 255.0000, -0.0000,
-0.0000

■ 140.5930,
-116.1730, -47.7010

■ 215.2330,
-79.2680, -28.1960

■ 121.0790,
-99.8060, -41.4540

■ 225.1000,
-59.6000, -21.2000

■ 102.2660,
-84.0350, -35.4190

■ 234.6680,
-40.5280, -14.4160

■ 84.1540, -68.8600,
-29.5960

■ 244.2360,
-21.4560, -7.6320

■ 66.1560, -54.0060,
-23.4620

■ 253.5050, -2.9800,
-1.0600

■ 48.7450, -39.4270,
-17.8510

■ 32.8500, -26.3610,

-12.3530

■ 14.7210, -12.5160,
-4.4520

■ 0.0000, 0.0000,
0.0000

■ 171.8710,
-111.0840, -46.3160

■ 171.8710,
-111.0840, -46.3160

■ 164.7660,
-124.1500, -51.8140

■ 178.9760,
-98.0180, -40.8180

■ 160.4660,
-132.1730, -55.0930

■ 186.0810,
-84.9520, -35.3200

■ 193.4850,
-71.2900, -29.6100

■ 200.5900,
-58.2240, -24.1120

■ 207.6950,
-45.1580, -18.6140

■ 214.6860,
-31.7710, -13.4270

■ 221.7910,
-18.7050, -7.9290

■ 229.1950, -5.0430,
-2.2190

■ 236.3000, 8.0230,
3.2790

Harmonies

Analogous

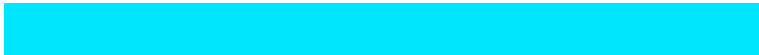
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190.4660, -43.9160, -41.1320



171.8710, -111.0840, -46.3160



164.0800, -145.1050, -40.9850

Triad

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



171.8710, -111.0840, -46.3160



209.6360, -0.8300, 26.0660



203.9000, 58.4590, -7.6930

Complementary

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



171.8710, -111.0840, -46.3160



97.1290, 111.0840, 46.3160

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.



198.6290, 52.6330, 9.7930



171.8710, -111.0840, -46.3160



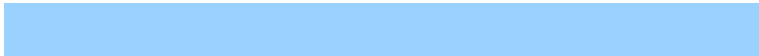
208.7750, 24.0640, 37.4720

Square

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



171.8710, -111.0840, -46.3160



198.3860, -47.8210, 2.1230



200.1230, 40.1590, 26.6150



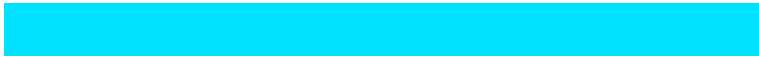
203.4920, 41.4520, -24.3720

Rectangle

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



171.8710, -111.0840, -46.3160



161.7320, -144.0050, -38.8930



200.1230, 40.1590, 26.6150



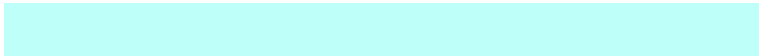
201.2900, 57.5410, -2.0670

Sweetspot

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



171.8710, -111.0840, -46.3160



235.2940, -36.5390, -15.1230



156.2490, -44.0890, -98.5930



115.8830, -21.9600, -9.5120



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.



171.8710, -111.0840, -46.3160



176.3610, -145.2390, -60.5910



126.1480, -93.9450, 1.0230



113.5970, -6.2350, -2.6430



125.1710, -103.0610, -43.0370



37.2840, -30.5790, -13.0030

Inverse Universe

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



97.1290, 111.0840, 46.3160



78.6390, 145.2390, 60.5910



142.8520, 93.9450, -1.0230



109.4030, 6.2350, 2.6430



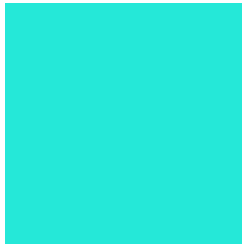
55.8290, 103.0610, 43.0370



16.6020, 30.9000, 12.6920

Previews

White Background



This preview shows how the YIQ color 171.8710, -111.0840, -46.3160 looks on a white background.

Color Contrast Check

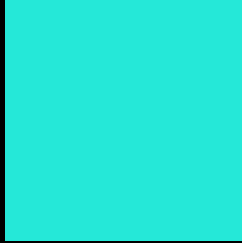
Large Text (above 18pt) WCAG AA × Fail

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 171.8710, -111.0840, -46.3160 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

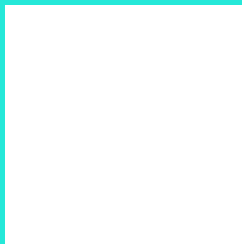
Any Text WCAG AAA ✓ Pass

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

YIQ 171.8710, -111.0840, -46.3160 Background



This preview shows how black text looks on a background with the YIQ color 171.8710, -111.0840, -46.3160.



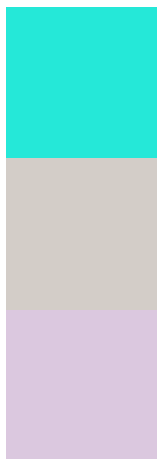
This preview shows how white text looks on a background with the YIQ color 171.8710, -111.0840, -46.3160.

-46.3160.

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

171.8710, -111.0840, -46.3160

Protanopia

206.2240, 5.1810, -0.2830

Deuteranopia

208.3030, 3.9410, 11.1810



Tritanopia

181.0160, -103.5220, -29.1700

Trichromacy



Original Color

171.8710, -111.0840, -46.3160



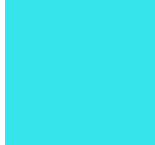
Protanomaly

193.9410, -37.0430, -17.0030



Deuteranomaly

195.2710, -37.7320, -10.0200



Tritanomaly

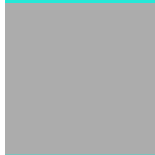
177.3590, -106.2260, -35.2340

Monochromacy



Original Color

171.8710, -111.0840, -46.3160



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

172.0870, -40.3900, -16.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8710, -111.0840, -46.3160 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(37, 232, 216)` looks like.

```
.text, #text, p{  
    color:rgb(37, 232, 216)  
}
```

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(37, 232, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 232, 216) }
```

Border

The CSS property to change the border of an element to YIQ 171.8710, -111.0840, -46.3160 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(37, 232, 216) }
```


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

```
.border{ border-color:rgb(37, 232, 216) }
```

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

Here you see how a box with a 4 pixel rgb(37, 232, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 232, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 232, 216);  
box-shadow:4px 4px 4px 4px rgb(37, 232,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8710, -111.0840, -46.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 232, 216) }
```

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

```
.background{ background-color: rgb(37, 232,  
216) }
```

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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