

Converting Colors

YIQ(165.4370, -88.5300,
-25.5380)

Have a look what the booklet for
YIQ(165.4370, -88.5300, -25.5380)
contains.

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Color

**YIQ(165.4370, -88.5300,
-25.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	41CEDC
RGB	65, 206, 220
RGB Percent	25%, 81%, 86%
CMY	0.7454, 0.1919, 0.1376
CMYK	0.70, 0.06, 0.00, 0.14
HSL	185°, 69%, 56%
HSV	185°, 70%, 86%
XYZ	37.1661, 50.4546, 75.4259
YIQ	165.4370, -88.5300, -25.5380

Conversions

Conversions Part 2

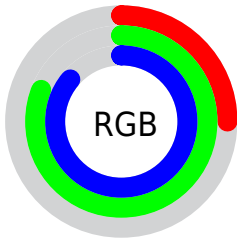
Format	Color
RYB	65, 139, 220
Decimal	4312796
CIELab	76.35, -32.42, -17.74
CIELCh	76, 36.959, 208.691
Yxy	50.4546, 0.2279, 0.3094
Android (android.graphics.Color)	4282502876 (0xFF41CEDC)
YUV	165.4370, 26.8996, -88.0832
Hunter-Lab	71.0314, -30.9075, -13.2361

Details

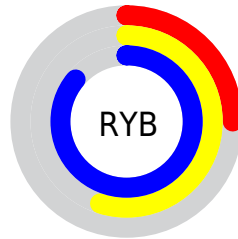
The YIQ color **165.4370, -88.5300, -25.5380** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **119.5630, 88.5300, 25.5380**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.5220, -72.7120, -25.8640**, and **107.4470, -94.4900, -27.6580** is the 20% darker color. If you saturate the color by 10%, you get **157.6850, -101.0920, -29.1560**, and if you desaturate by 10%, it is **173.1890, -75.9680, -21.9200**.

Distribution



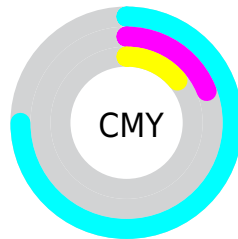
- Red (25%)
- Green (81%)
- Blue (86%)



- Red (25%)
- Yellow (55%)
- Blue (86%)



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (75%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4370, -88.5300, -25.5380 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 165.4370, -88.5300, -25.5380 by changing the saturation by 10% instead.

■ 165.4370,
-88.5300, -25.5380

■ 165.4370,
-88.5300, -25.5380

■ 255.0000, -0.0000,
-0.0000

■ 126.6730,
-109.9860, -33.1700

■ 218.5220,
-72.7120, -25.8640

■ 107.4470,
-94.4900, -27.6580

■ 227.7910,
-54.2360, -19.2920

■ 89.2210, -78.9940,
-22.1460

■ 237.0600,
-35.7600, -12.7200

■ 71.5820, -63.7730,
-17.1570

■ 246.3290,
-17.2840, -6.1480

■ 54.1710, -49.1940,
-11.5460

■ 37.9340, -35.1650,
-6.9810

■ 23.6860, -22.6030,

-3.3630

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 165.4370,
-88.5300, -25.5380

■ 165.4370,
-88.5300, -25.5380

■ 157.6850,
-101.0920, -29.1560

■ 173.1890,
-75.9680, -21.9200

■ 149.9330,
-113.6540, -32.7740

■ 180.9410,
-63.4060, -18.3020

■ 142.4800,
-125.6200, -36.1800

■ 188.6930,
-50.8440, -14.6840

■ 196.4450,
-38.2820, -11.0660

■ 204.1970,
-25.7200, -7.4480

■ 211.9490,
-13.1580, -3.8300

■ 219.7010, -0.5960,
-0.2120

■ 227.4530, 11.9660,
3.4060

■ 232.8130, 19.7600,
5.3280

Harmonies

Analogous

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



171.1180, -60.0110, -30.2750



165.4370, -88.5300, -25.5380



171.7450, -82.9850, -10.3850

Triad

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



165.4370, -88.5300, -25.5380



193.5090, 18.7010, 30.0370



186.5490, 37.2780, -14.8020

Complementary

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



165.4370, -88.5300, -25.5380



119.5630, 88.5300, 25.5380

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.



188.8320, 53.1390, 0.6190



165.4370, -88.5300, -25.5380



192.2160, 44.3310, 28.0990

Square

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



165.4370, -88.5300, -25.5380



191.0410, -15.2720, 23.4800



190.9980, 56.2080, 16.5920



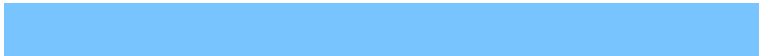
182.4530, 10.8250, -25.4870

Rectangle

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



165.4370, -88.5300, -25.5380



180.0020, -64.2350, 2.2370



190.9980, 56.2080, 16.5920



187.3050, 44.0170, -10.2790

Sweetspot

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



165.4370, -88.5300, -25.5380



235.9190, -30.8090, -8.8330



157.4670, -46.7980, -77.0220



116.6710, -18.2470, -5.2150



0.0000, 0.0000, 0.0000



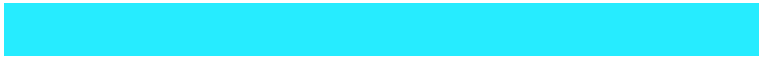
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.4370, -88.5300, -25.5380



178.9640, -124.1070, -36.0670



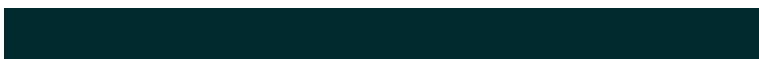
120.8250, -67.6300, 14.2100



106.1240, -6.2810, -1.8090



112.4680, -98.9830, -28.8310



29.8980, -26.3160, -7.6600

Inverse Universe

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



127.4190, 47.1190, 76.7110



125.4550, 65.7740, 107.5820



164.1750, 67.6300, -14.2100



103.4290, 3.3460, 5.4420



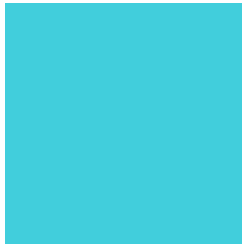
69.7390, 52.3900, 85.8140



18.5420, 13.9340, 22.8140

Previews

White Background



This preview shows how the YIQ color 165.4370, -88.5300, -25.5380 looks on a white background.

Color Contrast Check

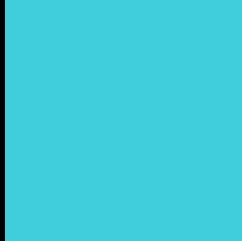
Large Text (above 18pt) WCAG AA × Fail

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 165.4370, -88.5300, -25.5380 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 165.4370, -88.5300, -25.5380 Background



This preview shows how black text looks on a background with the YIQ color 165.4370, -88.5300, -25.5380.



This preview shows how white text looks on a background with the YIQ color 165.4370, -88.5300, -25.5380.

-25.5380.

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

165.4370, -88.5300, -25.5380

Protanopia

187.7960, -7.9330, 6.1070

Deuteranopia

188.6850, -11.6940, 13.6980



Tritanopia

165.9640, -88.5760, -24.7040

Trichromacy



Original Color

165.4370, -88.5300, -25.5380



Protanomaly

179.6180, -37.0910, -5.1150



Deuteranomaly

179.9970, -39.4760, -0.4360



Tritanomaly

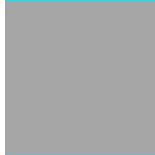
165.8500, -88.2550, -25.0150

Monochromacy



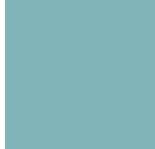
Original Color

165.4370, -88.5300, -25.5380



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.3210, -32.0010, -9.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4370, -88.5300, -25.5380 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(65, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(65, 206, 220)  
}
```

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(65, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 206, 220) }
```

Border

The CSS property to change the border of an element to YIQ 165.4370, -88.5300, -25.5380 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(65, 206, 220) }
```


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

```
.border{ border-color:rgb(65, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(65, 206,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4370, -88.5300, -25.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 206, 220) }
```

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

```
.background{ background-color: rgb(65, 206,  
220) }
```

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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