

Converting Colors

YIQ(175.4870, -65.6040,
-33.5400)

Have a look what the booklet for
YIQ(175.4870, -65.6040, -33.5400)
contains.

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Color

**YIQ(175.4870, -65.6040,
-33.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD7BF
RGB	92, 215, 191
RGB Percent	36%, 84%, 75%
CMY	0.6395, 0.1566, 0.2512
CMYK	0.57, 0.00, 0.11, 0.16
HSL	168°, 61%, 60%
HSV	168°, 57%, 84%
XYZ	38.1166, 54.6573, 57.7956
YIQ	175.4870, -65.6040, -33.5400

Conversions

Conversions Part 2

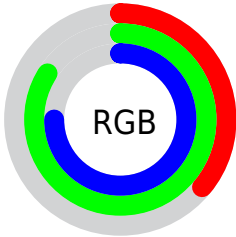
Format	Color
RYP	92, 160, 215
Decimal	6084543
CIELab	78.84, -40.09, 1.59
CIElCh	79, 40.121, 177.732
Yxy	54.6573, 0.2531, 0.3630
Android (android.graphics.Color)	4284274623 (0xFF5CD7BF)
YUV	175.4870, 7.6479, -73.2181
Hunter-Lab	73.9306, -37.3489, 5.4012

Details

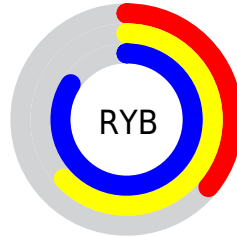
The YIQ color **175.4870, -65.6040, -33.5400** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **131.5130, 65.6040, 33.5400**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.2910, -58.8200, -24.3240**, and **112.0440, -83.5300, -39.0660** is the 20% darker color. If you saturate the color by 10%, you get **168.4530, -77.4320, -39.4480**, and if you desaturate by 10%, it is **182.2220, -54.3720, -27.8440**.

Distribution



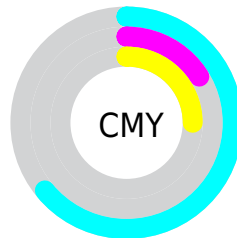
- Red (36%)
- Green (84%)
- Blue (75%)



- Red (36%)
- Yellow (63%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4870, -65.6040, -33.5400 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 175.4870, -65.6040, -33.5400 by changing the saturation by 10% instead.

■ 175.4870,
-65.6040, -33.5400

■ 175.4870,
-65.6040, -33.5400

■ 255.0000, -0.0000,
-0.0000

■ 146.1060,
-68.9050, -34.2890

■ 223.2910,
-58.8200, -24.3240

■ 111.7450,
-84.1260, -39.2780

■ 233.1730,
-43.5080, -15.4760

■ 90.8390, -72.5270,
-34.7270

■ 241.8440,
-26.2240, -9.3280

■ 72.8410, -57.6730,
-28.5930

■ 251.1130, -7.7480,
-2.7560

■ 55.5440, -43.4150,
-22.6710

■ 38.9480, -29.7530,
-16.9610

■ 24.2270, -17.2370,

-12.5090

■ 0.0000, 0.0000,
0.0000

■ 175.4870,
-65.6040, -33.5400

■ 175.4870,
-65.6040, -33.5400

■ 168.4530,
-77.4320, -39.4480

■ 182.2220,
-54.3720, -27.8440

■ 161.7180,
-88.6640, -45.1440

■ 189.2560,
-42.5440, -21.9360

■ 154.5700,
-100.1710, -51.3630

■ 196.1050,
-31.6330, -15.9290

■ 147.8350,
-111.4030, -57.0590

■ 203.1390,
-19.8050, -10.0210

■ 145.9270,
-114.6580, -58.6420

■ 209.8740, -8.5730,
-4.3250

■ 216.9080, 3.2550,
1.5830

■ 223.6430, 14.4870,
7.2790

■ 228.1000, 20.6300,
11.5900

■ 228.5560, 19.3460,
12.8340

Harmonies

Analogous

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



183.2730, -24.0190, -32.7790



175.4870, -65.6040, -33.5400



166.9620, -103.4300, -30.8380

Triad

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



175.4870, -65.6040, -33.5400



197.4430, -16.4640, 23.0560



195.5830, 58.2740, 1.1700

Complementary

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



175.4870, -65.6040, -33.5400



131.5130, 65.6040, 33.5400

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.



193.9160, 53.5030, 16.0550



175.4870, -65.6040, -33.5400



200.8020, 19.4340, 33.2740

Square

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



175.4870, -65.6040, -33.5400



187.4330, -55.2030, 3.7490



197.0740, 41.8550, 28.9190



193.0610, 41.5880, -15.8200

Rectangle

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



175.4870, -65.6040, -33.5400



170.1720, -103.6610, -21.1410



197.0740, 41.8550, 28.9190



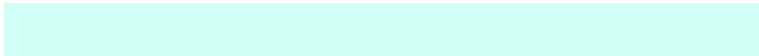
195.0440, 58.5940, 6.3860

Sweetspot

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



175.4870, -65.6040, -33.5400



241.2310, -23.0600, -11.6040



171.6760, -18.9250, -59.0290



119.6560, -13.8910, -7.0670



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.



175.4870, -65.6040, -33.5400



198.5000, -93.9820, -47.8860



156.5040, -63.1330, -6.7250



103.4830, -5.9140, -2.9540



115.9950, -91.0020, -46.8260



29.2310, -23.0600, -11.6040

Inverse Universe

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



131.5130, 65.6040, 33.5400



135.6140, 93.6610, 48.1970



150.4960, 63.1330, 6.7250



99.5170, 5.9140, 2.9540



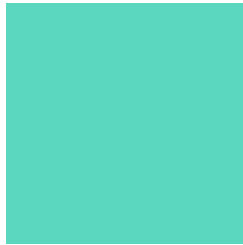
54.8910, 91.3230, 46.5150



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 175.4870, -65.6040, -33.5400 looks on a white background.

Color Contrast Check

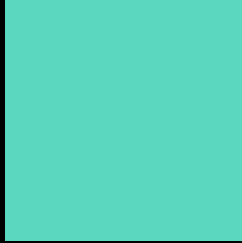
Large Text (above 18pt) WCAG AA × Fail

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 175.4870, -65.6040, -33.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

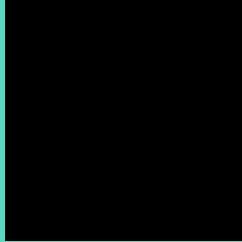
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

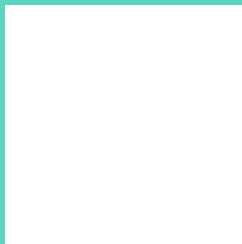
Any Text WCAG AAA ✓ Pass

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

YIQ 175.4870, -65.6040, -33.5400 Background



This preview shows how black text looks on a background with the YIQ color 175.4870, -65.6040, -33.5400.



This preview shows how white text looks on a background with the YIQ color 175.4870, -65.6040, -33.5400.

-33.5400.

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

175.4870, -65.6040, -33.5400

Protanopia

193.7960, 9.2620, -2.6580

Deuteranopia

195.9030, 10.8190, 7.6750



Tritanopia

180.5430, -68.0370, -16.9730

Trichromacy



Original Color

175.4870, -65.6040, -33.5400



Protanomaly

186.9880, -18.0620, -14.0780



Deuteranomaly

188.6880, -16.9170, -7.2930



Tritanomaly

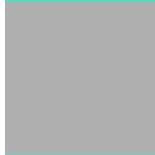
178.7400, -67.3940, -23.1220

Monochromacy



Original Color

175.4870, -65.6040, -33.5400



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.5190, -23.9310, -12.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4870, -65.6040, -33.5400 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(92, 215, 191)` looks like.

```
.text, #text, p{  
    color:rgb(92, 215, 191)  
}
```

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(92, 215, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 215, 191) }
```

Border

The CSS property to change the border of an element to YIQ 175.4870, -65.6040, -33.5400 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

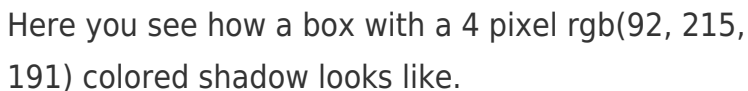
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 215, 191) }
```


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

```
.border{ border-color:rgb(92, 215, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 215, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 215, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 215, 191); box-shadow:4px 4px 4px 4px rgb(92, 215, 191) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4870, -65.6040, -33.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 215, 191) }
```

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

```
.background{ background-color: rgb(92, 215,  
191) }
```

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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