

Converting Colors

YIQ(175.9200, -32.5500,
-15.8300)

Have a look what the booklet for
YIQ(175.9200, -32.5500, -15.8300)
contains.

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Color

**YIQ(175.9200, -32.5500,
-15.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	87C3B9
RGB	135, 195, 185
RGB Percent	53%, 76%, 73%
CMY	0.4707, 0.2352, 0.2746
CMYK	0.31, 0.00, 0.05, 0.24
HSL	170°, 33%, 65%
HSV	170°, 31%, 76%
XYZ	38.2600, 47.6907, 53.0705
YIQ	175.9200, -32.5500, -15.8300

Conversions

Conversions Part 2

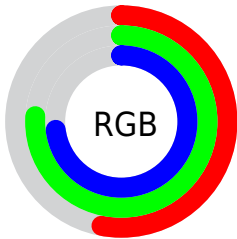
Format	Color
R_{YB}	135, 168, 195
Decimal	8897465
CIE _{Lab}	74.63, -21.46, -1.14
CIE _{LCh}	75, 21.494, 183.037
Yxy	47.6907, 0.2752, 0.3430
Android (android.graphics.Color)	4287087545 (0xFF87C3B9)
YUV	175.9200, 4.4764, -35.8868
Hunter-Lab	69.0585, -21.9592, 2.7774

Details

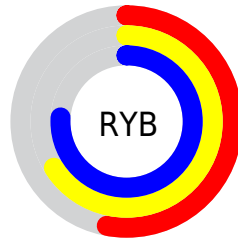
The YIQ color **175.9200, -32.5500, -15.8300** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **154.0800, 32.5500, 15.8300**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.2080, -33.4210, -16.5650**, and **122.3330, -32.2750, -15.3070** is the 20% darker color. If you saturate the color by 10%, you get **169.5980, -43.5070, -21.0030**, and if you desaturate by 10%, it is **181.9430, -22.1890, -10.8690**.

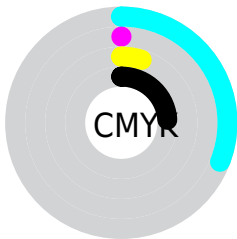
Distribution



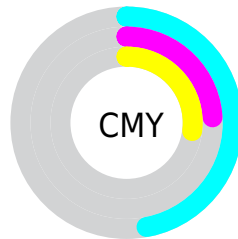
- Red (53%)
- Green (76%)
- Blue (73%)



- Red (53%)
- Yellow (66%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.9200, -32.5500, -15.8300 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 175.9200, -32.5500, -15.8300 by changing the saturation by 10% instead.

■ 175.9200,
-32.5500, -15.8300

■ 175.9200,
-32.5500, -15.8300

■ 255.0000, -0.0000,
-0.0000

■ 148.9200,
-32.5500, -15.8300

■ 232.2080,
-33.4210, -16.5650

■ 122.3330,
-32.2750, -15.3070

■ 243.9370,
-22.0520, -7.8440

■ 96.7460, -32.0000,
-14.7840

■ 252.6080, -4.7680,
-1.6960

■ 71.8490, -33.7880,
-15.4200

■ 46.1690, -37.6850,
-16.3810

■ 30.1600, -24.2980,
-11.1940

■ 16.6130, -12.3320,

-7.7880

■ 0.0000, 0.0000,
0.0000

■ 175.9200,
-32.5500, -15.8300

■ 175.9200,
-32.5500, -15.8300

■ 169.5980,
-43.5070, -21.0030

■ 181.9430,
-22.1890, -10.8690

■ 163.4610,
-53.5470, -26.2750

■ 188.3790,
-11.5530, -5.3850

■ 157.1390,
-64.5040, -31.4480

■ 194.4020, -1.1920,
-0.4240

■ 151.1160,
-74.8650, -36.4090

■ 200.7240, 9.7650,
4.7490

■ 144.7940,
-85.8220, -41.5820

■ 206.7470, 20.1260,
9.7100

■ 138.6570,
-95.8620, -46.8540

■ 213.1830, 30.7620,
15.1940

■ 132.9330,
-105.6270, -51.6030

■ 214.4220, 31.5870,
16.7630

■ 214.7640, 30.6240,
17.6960

■ 215.1060, 29.6610,
18.6290

Harmonies

Analogous

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



177.8480, -14.8520, -17.1880



175.9200, -32.5500, -15.8300



175.7050, -41.9500, -10.6700

Triad

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



175.9200, -32.5500, -15.8300



186.0340, -5.3670, 14.6730



184.2840, 31.3150, -0.3410

Complementary

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



175.9200, -32.5500, -15.8300



154.0800, 32.5500, 15.8300

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.



185.9350, 34.1560, 8.7480



175.9200, -32.5500, -15.8300



187.0810, 13.6140, 17.5980

Square

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



175.9200, -32.5500, -15.8300



182.7540, -25.3100, 7.1540



187.2150, 27.7360, 14.9680



182.7400, 20.8630, -9.1610

Rectangle

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



175.9200, -32.5500, -15.8300



177.5790, -41.3550, -4.9310



187.2150, 27.7360, 14.9680



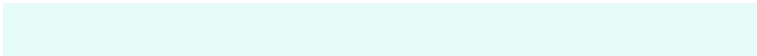
184.7620, 32.9650, 2.7970

Sweetspot

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



175.9200, -32.5500, -15.8300



245.0800, -12.1490, -5.5970



173.5090, -9.9440, -29.0480



123.1730, -7.9770, -4.1130



0.0000, 0.0000, 0.0000



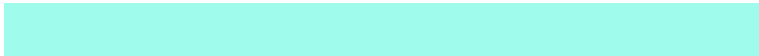
128.0000, -0.0000, -0.0000

Same Dimension

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



175.9200, -32.5500, -15.8300



222.4830, -50.6130, -24.3810



165.9070, -30.5350, -2.7830



93.7820, -5.3180, -2.7420



109.7830, -87.2890, -42.5290



22.5630, -18.0630, -8.5510

Inverse Universe

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



154.0800, 32.5500, 15.8300



188.6310, 50.2920, 24.6920



164.0930, 30.5350, 2.7830



90.2180, 5.3180, 2.7420



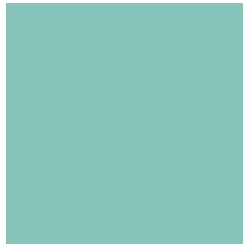
51.2170, 87.2890, 42.5290



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 175.9200, -32.5500, -15.8300 looks on a white background.

Color Contrast Check

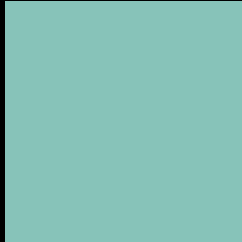
Large Text (above 18pt) WCAG AA × Fail

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 175.9200, -32.5500, -15.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

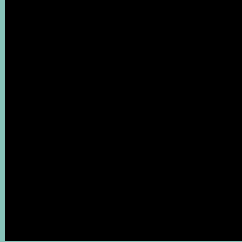
Any Text WCAG AA ✓ Pass

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 175.9200, -32.5500, -15.8300 Background



This preview shows how black text looks on a background with the YIQ color 175.9200, -32.5500, -15.8300.



This preview shows how white text looks on a background with the YIQ color 175.9200, -32.5500, -15.8300.

-15.8300.

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

175.9200, -32.5500, -15.8300

Protanopia

183.0390, 4.2640, -0.1840

Deuteranopia

184.6470, 8.6640, 8.1840



Tritanopia

178.1620, -35.8070, -6.3590

Trichromacy



Original Color

175.9200, -32.5500, -15.8300

Protanomaly

180.6350, -9.3980, -5.8940

Deuteranomaly

181.7650, -6.6480, -0.6640

Tritanomaly

177.2390, -34.7060, -9.7940

Monochromacy



Original Color

175.9200, -32.5500, -15.8300

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.9660, -11.8280, -5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.9200, -32.5500, -15.8300 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(135, 195, 185)` looks like.

```
.text, #text, p{  
    color:rgb(135, 195, 185)  
}
```

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(135, 195, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 195, 185) }
```

Border

The CSS property to change the border of an element to YIQ 175.9200, -32.5500, -15.8300 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(135, 195, 185) }
```


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

```
.border{ border-color:rgb(135, 195, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 195, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 195, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 195, 185);  
box-shadow:4px 4px 4px 4px rgb(135, 195,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 175.9200, -32.5500, -15.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 195, 185) }
```

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

```
.background{ background-color: rgb(135,  
195, 185) }
```

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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