

Converting Colors

YIQ(195.3930, -32.5040,
-16.6640)

Have a look what the booklet for
YIQ(195.3930, -32.5040, -16.6640)
contains.

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Color

**YIQ(195.3930, -32.5040,
-16.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD7CB
RGB	154, 215, 203
RGB Percent	60%, 84%, 80%
CMY	0.3962, 0.1567, 0.2040
CMYK	0.28, 0.00, 0.06, 0.16
HSL	168°, 43%, 72%
HSV	168°, 28%, 84%
XYZ	48.4018, 59.7905, 65.4705
YIQ	195.3930, -32.5040, -16.6640

Conversions

Conversions Part 2

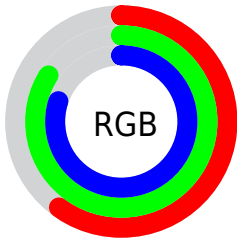
Format	Color
RYB	154, 188, 215
Decimal	10147787
CIELab	81.72, -21.94, -0.32
CIElCh	82, 21.947, 180.829
Yxy	59.7905, 0.2787, 0.3443
Android (android.graphics.Color)	4288337867 (0xFF9AD7CB)
YUV	195.3930, 3.7503, -36.3017
Hunter-Lab	77.3243, -23.5839, 3.9261

Details

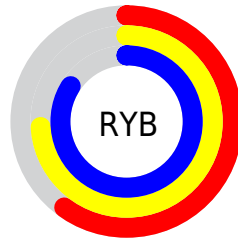
The YIQ color **195.3930, -32.5040, -16.6640** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.6070, 32.5040, 16.6640**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5450, -26.8200, -9.5400**, and **141.1050, -31.6330, -15.9290** is the 20% darker color. If you saturate the color by 10%, you get **188.3590, -44.3320, -22.5720**, and if you desaturate by 10%, it is **202.1280, -21.2720, -10.9680**.

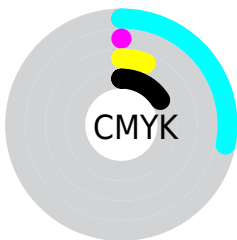
Distribution



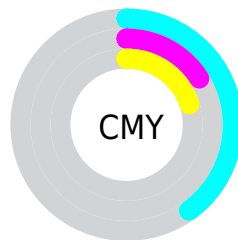
- Red (60%)
- Green (84%)
- Blue (80%)



- Red (60%)
- Yellow (74%)
- Blue (84%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (40%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.3930, -32.5040, -16.6640 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 195.3930, -32.5040, -16.6640 by changing the saturation by 10% instead.

■ 195.3930,
-32.5040, -16.6640

■ 195.3930,
-32.5040, -16.6640

■ 255.0000, -0.0000,
-0.0000

■ 167.8060,
-32.2290, -16.1410

■ 241.5450,
-26.8200, -9.5400

■ 141.1050,
-31.6330, -15.9290

■ 250.2160, -9.5360,
-3.3920

■ 115.1050,
-31.6330, -15.9290

■ 89.2190, -31.9540,
-15.6180

■ 64.1370, -34.6590,
-16.1550

■ 41.1480, -33.1920,
-15.2080

■ 25.8400, -20.4010,

-10.2330

■ 7.8420, -5.5470,
-4.0990

■ 0.0000, 0.0000,
0.0000

■ 195.3930,
-32.5040, -16.6640

■ 195.3930,
-32.5040, -16.6640

■ 188.3590,
-44.3320, -22.5720

■ 202.1280,
-21.2720, -10.9680

■ 181.5100,
-55.2430, -28.5790

■ 209.1620, -9.4440,
-5.0600

■ 174.4760,
-67.0710, -34.4870

■ 216.0110, 1.4670,
0.9470

■ 167.7410,
-78.3030, -40.1830

■ 223.0450, 13.2950,
6.8550

■ 160.7070,
-90.1310, -46.0910

■ 227.9860, 20.9510,
11.2790

■ 153.8580,
-101.0420, -52.0980

■ 228.4420, 19.6670,
12.5230

■ 146.8240,
-112.8700, -58.0060

■ 229.0120, 18.0620,
14.0780

■ 145.9270,
-114.6580, -58.6420

■ 229.4680, 16.7780,
15.3220

■ 229.9240, 15.4940,
16.5660

Harmonies

Analogous

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



197.6200, -14.2100, -17.8100



195.3930, -32.5040, -16.6640



194.9930, -42.8210, -11.4050

Triad

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



195.3930, -32.5040, -16.6640



205.5500, -6.8800, 14.5600



204.1810, 33.1030, 0.2950

Complementary

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



195.3930, -32.5040, -16.6640



173.6070, 32.5040, 16.6640

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.



205.6470, 35.0270, 9.4830



195.3930, -32.5040, -16.6640



207.0100, 12.3760, 18.0080

Square

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



195.3930, -32.5040, -16.6640



201.9710, -27.4190, 6.8290



207.0410, 28.2860, 16.0140



202.5230, 22.9720, -8.8360

Rectangle

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



195.3930, -32.5040, -16.6640



196.5680, -42.8220, -5.8780



207.0410, 28.2860, 16.0140



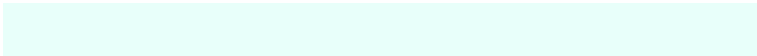
204.6590, 34.7530, 3.4330

Sweetspot

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



195.3930, -32.5040, -16.6640



247.5530, -12.1030, -6.4310



193.3950, -9.6230, -29.3590



123.1730, -7.9770, -4.1130



0.0000, 0.0000, 0.0000



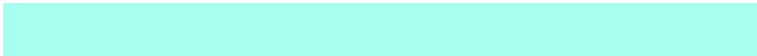
128.0000, -0.0000, -0.0000

Same Dimension

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



195.3930, -32.5040, -16.6640



227.0490, -46.3950, -23.7310



186.1950, -31.4060, -3.5180



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.



173.6070, 32.5040, 16.6640



195.9510, 46.3950, 23.7310



182.8050, 31.4060, 3.5180



99.6310, 5.5930, 3.2650



55.0050, 91.0020, 46.8260



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 195.3930, -32.5040, -16.6640 looks on a white background.

Color Contrast Check

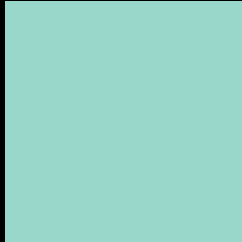
Large Text (above 18pt) WCAG AA × Fail

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 195.3930, -32.5040, -16.6640 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

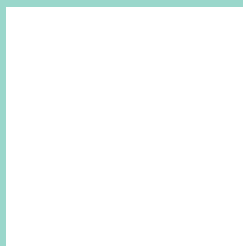
Any Text WCAG AAA ✓ Pass

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

YIQ 195.3930, -32.5040, -16.6640 Background



This preview shows how black text looks on a background with the YIQ color 195.3930, -32.5040, -16.6640.



This preview shows how white text looks on a background with the YIQ color 195.3930, -32.5040, -16.6640.

-16.6640.

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

195.3930, -32.5040, -16.6640

Protanopia

202.9960, 5.8230, -0.9050

Deuteranopia

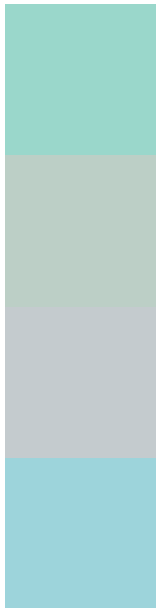
204.4300, 10.7730, 8.5090



Tritanopia

197.3900, -36.4490, -5.7370

Trichromacy



Original Color

195.3930, -32.5040, -16.6640

Protanomaly

200.2930, -8.4350, -6.8270

Deuteranomaly

201.2490, -5.1350, -0.5510

Tritanomaly

196.3530, -35.0270, -9.4830

Monochromacy



Original Color

195.3930, -32.5040, -16.6640

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9660, -11.8280, -5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.3930, -32.5040, -16.6640 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(154, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(154, 215, 203)  
}
```

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(154, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 215, 203) }
```

Border

The CSS property to change the border of an element to YIQ 195.3930, -32.5040, -16.6640 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(154, 215, 203) }
```


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

```
.border{ border-color:rgb(154, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(154, 215,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 195.3930, -32.5040, -16.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 215, 203) }
```

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

```
.background{ background-color: rgb(154,  
215, 203) }
```

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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