

Converting Colors

YIQ(199.7850, -27.7360,
-14.9680)

Have a look what the booklet for
YIQ(199.7850, -27.7360, -14.9680)
contains.

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Color

**YIQ(199.7850, -27.7360,
-14.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D9CD
RGB	164, 217, 205
RGB Percent	64%, 85%, 80%
CMY	0.3570, 0.1489, 0.1962
CMYK	0.24, 0.00, 0.06, 0.15
HSL	166°, 41%, 75%
HSV	166°, 24%, 85%
XYZ	51.1377, 61.9326, 67.0003
YIQ	199.7850, -27.7360, -14.9680

Conversions

Conversions Part 2

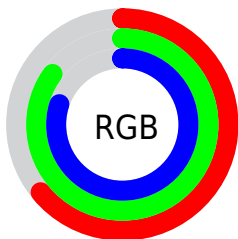
Format	Color
RYB	164, 194, 217
Decimal	10803661
CIELab	82.88, -19.53, 0.37
CIELCh	83, 19.534, 178.925
Yxy	61.9326, 0.2840, 0.3439
Android (android.graphics.Color)	4288993741 (0xFFA4D9CD)
YUV	199.7850, 2.5710, -31.3834
Hunter-Lab	78.6973, -21.7303, 4.6105

Details

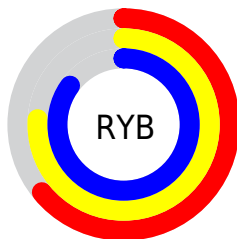
The YIQ color $199.7850, -27.7360, -14.9680$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $181.2150, 27.7360, 14.9680$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.5350, -20.8600, -7.4200$, and $145.4970, -26.8650, -14.2330$ is the 20% darker color. If you saturate the color by 10%, you get $192.6370, -39.2430, -21.1870$, and if you desaturate by 10%, it is $206.9330, -16.2290, -8.7490$.

Distribution



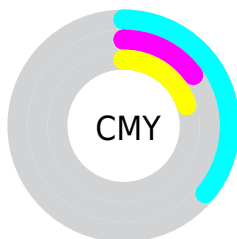
- Red (64%)
- Green (85%)
- Blue (80%)



- Red (64%)
- Yellow (76%)
- Blue (85%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.7850, -27.7360, -14.9680 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 199.7850, -27.7360, -14.9680 by changing the saturation by 10% instead.

■ 199.7850,
-27.7360, -14.9680

■ 199.7850,
-27.7360, -14.9680

■ 255.0000, -0.0000,
-0.0000

■ 172.1980,
-27.4610, -14.4450

■ 244.5350,
-20.8600, -7.4200

■ 145.4970,
-26.8650, -14.2330

■ 253.2060, -3.5760,
-1.2720

■ 119.4970,
-26.8650, -14.2330

■ 93.9100, -26.5900,
-13.7100

■ 69.6110, -27.1860,
-13.9220

■ 44.6430, -30.2120,
-14.1480

■ 27.1280, -21.2720,

-10.9680

■ 11.5920, -7.8390,
-6.6150

■ 0.0000, 0.0000,
0.0000

■ 199.7850,
-27.7360, -14.9680

■ 199.7850,
-27.7360, -14.9680

■ 192.6370,
-39.2430, -21.1870

■ 206.9330,
-16.2290, -8.7490

■ 185.7880,
-50.1540, -27.1940

■ 213.7820, -5.3180,
-2.7420

■ 178.6400,
-61.6610, -33.4130

■ 220.9300, 6.1890,
3.4770

■ 171.4920,
-73.1680, -39.6320

■ 228.0780, 17.6960,
9.6960

■ 164.3440,
-84.6750, -45.8510

■ 229.8440, 18.4750,
12.0990

■ 157.4950,
-95.5860, -51.8580

■ 230.4140, 16.8700,
13.6540

■ 150.3470,
-107.0930, -58.0770

■ 230.8700, 15.5860,
14.8980

■ 146.5310,
-113.6030, -61.2430

■ 231.4400, 13.9810,
16.4530

■ 232.0100, 12.3760,
18.0080

Harmonies

Analogous

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



201.6420, -11.2760, -15.9160



199.7850, -27.7360, -14.9680



199.4560, -36.8150, -10.1190

Triad

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



199.7850, -27.7360, -14.9680



208.1970, -7.3840, 12.6800



207.7400, 30.0310, 0.9030

Complementary

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



199.7850, -27.7360, -14.9680



181.2150, 27.7360, 14.9680

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.



209.2660, 31.7260, 8.7340



199.7850, -27.7360, -14.9680



209.5860, 10.6340, 16.5380

Square

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



199.7850, -27.7360, -14.9680



205.1130, -24.9430, 6.0090



209.9480, 24.1140, 14.5300



206.0930, 21.3670, -7.2810

Rectangle

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



199.7850, -27.7360, -14.9680



200.9060, -37.9620, -5.8500



209.9480, 24.1140, 14.5300



208.1040, 32.0020, 3.7300

Sweetspot

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



199.7850, -27.7360, -14.9680



249.1620, -9.4440, -5.0600



198.6990, -7.4230, -25.1750



124.3690, -5.5930, -3.2650



0.0000, 0.0000, 0.0000



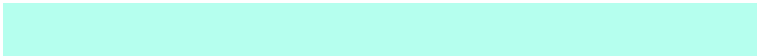
128.0000, -0.0000, -0.0000

Same Dimension

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



199.7850, -27.7360, -14.9680



230.9360, -38.6470, -20.9750



192.9350, -27.7380, -3.9140



106.3690, -5.5930, -3.2650



116.8270, -90.5890, -48.8050



30.9920, -23.8850, -13.1730

Inverse Universe

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



181.2150, 27.7360, 14.9680



205.0640, 38.6470, 20.9750



188.0650, 27.7380, 3.9140



102.5170, 5.9140, 2.9540



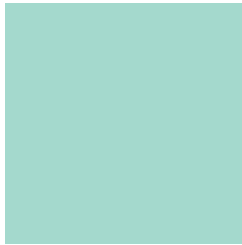
56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 199.7850, -27.7360, -14.9680 looks on a white background.

Color Contrast Check

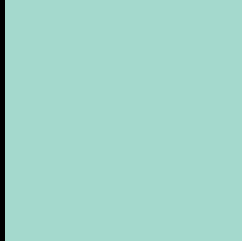
Large Text (above 18pt) WCAG AA × Fail

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 199.7850, -27.7360, -14.9680 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

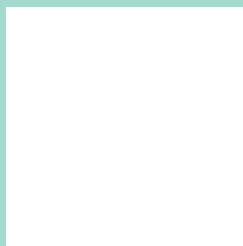
Any Text WCAG AAA ✓ Pass

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

YIQ 199.7850, -27.7360, -14.9680 Background



This preview shows how black text looks on a background with the YIQ color 199.7850, -27.7360, -14.9680.



This preview shows how white text looks on a background with the YIQ color 199.7850, -27.7360, -14.9680.

-14.9680.

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

199.7850, -27.7360, -14.9680

Protanopia

205.9960, 5.8230, -0.9050

Deuteranopia

207.6150, 11.6900, 8.4100



Tritanopia

201.7820, -31.6810, -4.0410

Trichromacy



Original Color

199.7850, -27.7360, -14.9680

Protanomaly

203.6030, -6.3720, -5.6680

Deuteranomaly

205.0320, -3.0260, -0.2260

Tritanomaly

200.7450, -30.2590, -7.7870

Monochromacy



Original Color

199.7850, -27.7360, -14.9680

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8630, -10.0400, -5.2720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7850, -27.7360, -14.9680 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(164, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(164, 217, 205)  
}
```

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(164, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 217, 205) }
```

Border

The CSS property to change the border of an element to YIQ 199.7850, -27.7360, -14.9680 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(164, 217, 205) }
```


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

```
.border{ border-color:rgb(164, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(164, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(164, 217,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7850, -27.7360, -14.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 217, 205) }
```

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

```
.background{ background-color: rgb(164,  
217, 205) }
```

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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