

Converting Colors

YIQ(178.6310, -12.7430,
-16.8630)

Have a look what the booklet for
YIQ(178.6310, -12.7430, -16.8630)
contains.

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Color

**YIQ(178.6310, -12.7430,
-16.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC1A4
RGB	156, 193, 164
RGB Percent	61%, 76%, 64%
CMY	0.3883, 0.2431, 0.3569
CMYK	0.19, 0.00, 0.15, 0.24
HSL	133°, 23%, 68%
HSV	133°, 19%, 76%
XYZ	39.4786, 47.8921, 42.2819
YIQ	178.6310, -12.7430, -16.8630

Conversions

Conversions Part 2

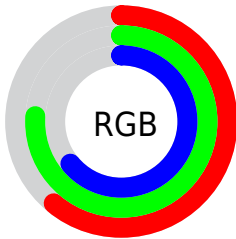
Format	Color
RYB	156, 186, 193
Decimal	10273188
CIELab	74.76, -18.13, 10.56
CIELCh	75, 20.986, 149.777
Yxy	47.8921, 0.3045, 0.3694
Android (android.graphics.Color)	4288463268 (0xFF9CC1A4)
YUV	178.6310, -7.2131, -19.8474
Hunter-Lab	69.2041, -19.2788, 12.2182

Details

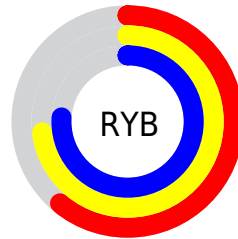
The YIQ color **178.6310, -12.7430, -16.8630** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.3690, 12.7430, 16.8630**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.8050, -13.2930, -17.9090**, and **125.4570, -12.1930, -15.8170** is the 20% darker color. If you saturate the color by 10%, you get **171.2400, -19.2520, -25.5560**, and if you desaturate by 10%, it is **186.0220, -6.2340, -8.1700**.

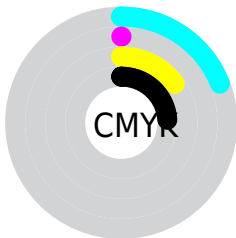
Distribution



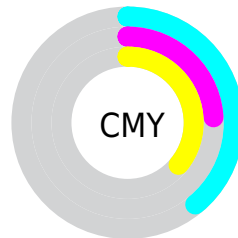
- Red (61%)
- Green (76%)
- Blue (64%)



- Red (61%)
- Yellow (73%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (39%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6310, -12.7430, -16.8630 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 178.6310, -12.7430, -16.8630 by changing the saturation by 10% instead.

■ 178.6310,
-12.7430, -16.8630

■ 178.6310,
-12.7430, -16.8630

■ 255.0000, -0.0000,
-0.0000

■ 152.0440,
-12.4680, -16.3400

■ 234.8050,
-13.2930, -17.9090

■ 125.4570,
-12.1930, -15.8170

■ 249.3040, -6.9680,
-5.8800

■ 100.8700,
-11.9180, -15.2940

■ 76.2830, -11.6430,
-14.7710

■ 53.3970, -11.9640,
-14.4600

■ 30.7390, -12.9270,
-13.5270

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 178.6310,
-12.7430, -16.8630

■ 178.6310,
-12.7430, -16.8630

■ 171.2400,
-19.2520, -25.5560

■ 186.0220, -6.2340,
-8.1700

■ 163.5500,
-26.3570, -34.4610

■ 193.7120, 0.8710,
0.7350

■ 156.1590,
-32.8660, -43.1540

■ 201.1030, 7.3800,
9.4280

■ 148.7680,
-39.3750, -51.8470

■ 208.4940, 13.8890,
18.1210

■ 140.9640,
-46.1590, -61.0630

■ 215.9990, 20.0770,
27.1250

■ 133.5730,
-52.6680, -69.7560

■ 218.6060, 17.0500,
32.4260

■ 126.1820,
-59.1770, -78.4490

■ 118.7910,
-65.6860, -87.1420

■ 118.0790,
-66.5570, -87.8770

Harmonies

Analogous

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



181.2650, 5.9630, -14.4610



178.6310, -12.7430, -16.8630



176.5890, -30.1200, -15.8160

Triad

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



178.6310, -12.7430, -16.8630



182.6290, -26.4560, 5.8960



186.8640, 32.9180, 9.1580

Complementary

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



178.6310, -12.7430, -16.8630



170.3690, 12.7430, 16.8630

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.



187.2580, 26.1770, 15.6890



178.6310, -12.7430, -16.8630



185.7240, -7.4300, 13.5140

Square

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



178.6310, -12.7430, -16.8630



178.7150, -38.7420, -2.7260



187.2980, 11.5050, 17.2730



184.8110, 31.2690, 0.4930

Rectangle

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



178.6310, -12.7430, -16.8630



176.2770, -37.8690, -13.0450



187.2980, 11.5050, 17.2730



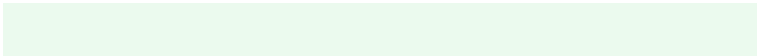
186.9610, 31.2670, 11.5470

Sweetspot

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



178.6310, -12.7430, -16.8630



244.1470, -5.0880, -6.9120



186.6890, 7.7050, -12.9910



121.5110, -3.1170, -4.0850



252.0000, 0.0000, 0.0000



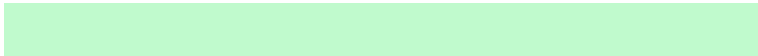
125.0000, 0.0000, 0.0000

Same Dimension

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



178.6310, -12.7430, -16.8630



227.5280, -20.1230, -26.2910



180.6830, -18.5210, -11.2650



93.0980, -3.3920, -4.6080



98.4970, -55.5100, -73.3180



20.1690, -11.3220, -15.0820

Inverse Universe

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



170.3690, 12.7430, 16.8630



214.4720, 20.1230, 26.2910



168.3170, 18.5210, 11.2650



90.9020, 3.3920, 4.6080



62.5030, 55.5100, 73.3180



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 178.6310, -12.7430, -16.8630 looks on a white background.

Color Contrast Check

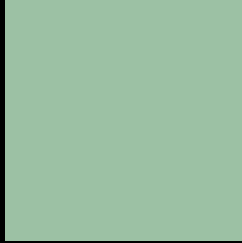
Large Text (above 18pt) WCAG AA × Fail

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 178.6310, -12.7430, -16.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

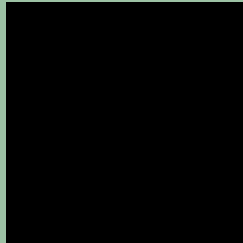
Any Text WCAG AA ✓ Pass

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 178.6310, -12.7430, -16.8630 Background



This preview shows how black text looks on a background with the YIQ color 178.6310, -12.7430, -16.8630.



This preview shows how white text looks on a background with the YIQ color 178.6310, -12.7430, -16.8630.

-16.8630.

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

178.6310, -12.7430, -16.8630

Protanopia

182.9550, 13.0680, -5.5560

Deuteranopia

184.8300, 21.0900, 3.2500



Tritanopia

182.2350, -19.7150, -0.6350

Trichromacy



Original Color

178.6310, -12.7430, -16.8630

Protanomaly

181.6440, 3.5780, -9.7820

Deuteranomaly

182.5570, 8.4370, -4.2270

Tritanomaly

180.9160, -17.5590, -6.6710

Monochromacy



Original Color

178.6310, -12.7430, -16.8630

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6310, -12.7430, -16.8630 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(156, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 193, 164)  
}
```

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(156, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 193, 164) }
```

Border

The CSS property to change the border of an element to YIQ 178.6310, -12.7430, -16.8630 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(156, 193, 164) }
```


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

```
.border{ border-color:rgb(156, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 193,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6310, -12.7430, -16.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 193, 164) }
```

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

```
.background{ background-color: rgb(156,  
193, 164) }
```

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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