

Converting Colors

YIQ(188.7510, -30.3960,
-10.8120)

Have a look what the booklet for
YIQ(188.7510, -30.3960, -10.8120)
contains.

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Color

**YIQ(188.7510, -30.3960,
-10.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	99CCCC
RGB	153, 204, 204
RGB Percent	60%, 80%, 80%
CMY	0.4001, 0.1999, 0.2001
CMYK	0.25, 0.00, 0.00, 0.20
HSL	180°, 33%, 70%
HSV	180°, 25%, 80%
XYZ	45.6244, 54.3234, 65.1882
YIQ	188.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

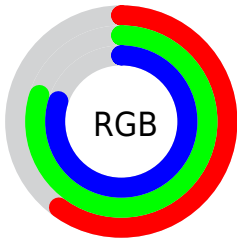
Format	Color
RYB	153, 179, 204
Decimal	10079436
CIELab	78.65, -16.48, -5.38
CIELCh	79, 17.336, 198.062
Yxy	54.3234, 0.2763, 0.3290
Android (android.graphics.Color)	4288269516 (0xFF99CCCC)
YUV	188.7510, 7.5178, -31.3536
Hunter-Lab	73.7044, -18.4879, -0.8462

Details

The YIQ color **188.7510, -30.3960, -10.8120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.2490, 30.3960, 10.8120**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9470, -28.0120, -9.9640**, and **135.0500, -29.8000, -10.6000** is the 20% darker color. If you saturate the color by 10%, you get **182.7710, -42.3160, -15.0520**, and if you desaturate by 10%, it is **194.7310, -18.4760, -6.5720**.

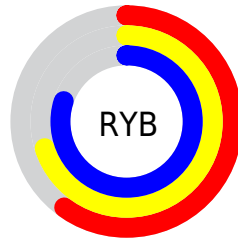
Distribution



Red (60%)

Green (80%)

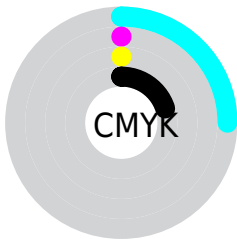
Blue (80%)



Red (60%)

Yellow (70%)

Blue (80%)

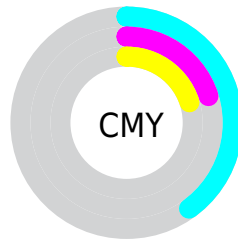


Cyan (25%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7510, -30.3960, -10.8120 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 188.7510, -30.3960, -10.8120 by changing the saturation by 10% instead.

■ 188.7510,
-30.3960, -10.8120

■ 188.7510,
-30.3960, -10.8120

■ 255.0000, -0.0000,
-0.0000

■ 161.7510,
-30.3960, -10.8120

■ 240.9470,
-28.0120, -9.9640

■ 135.0500,
-29.8000, -10.6000

■ 249.6180,
-10.7280, -3.8160

■ 109.3490,
-29.2040, -10.3880

■ 84.3490, -29.2040,
-10.3880

■ 59.4520, -30.9920,
-11.0240

■ 36.5660, -31.3130,
-10.7130

■ 21.8450, -18.7970,

-6.2610

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 188.7510,
-30.3960, -10.8120

■ 188.7510,
-30.3960, -10.8120

■ 182.7710,
-42.3160, -15.0520

■ 194.7310,
-18.4760, -6.5720

■ 176.4920,
-54.8320, -19.5040

■ 201.0100, -5.9600,
-2.1200

■ 170.5120,
-66.7520, -23.7440

■ 206.9900, 5.9600,
2.1200

■ 164.2330,
-79.2680, -28.1960

■ 213.2690, 18.4760,
6.5720

■ 158.2530,
-91.1880, -32.4360

■ 219.2490, 30.3960,
10.8120

■ 152.2730,
-103.1080, -36.6760

■ 145.9940,
-115.6240, -41.1280

■ 143.0040,
-121.5840, -43.2480

Harmonies

Analogous

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



189.5040, -19.5750, -14.1910



188.7510, -30.3960, -10.8120



189.7710, -33.1480, -4.9880

Triad

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



188.7510, -30.3960, -10.8120



197.4710, 3.5280, 13.1600



194.6850, 22.6960, -3.8320

Complementary

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



188.7510, -30.3960, -10.8120



168.2490, 30.3960, 10.8120

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.



196.5380, 27.7840, 3.0800



188.7510, -30.3960, -10.8120



197.7130, 17.4660, 13.8660

Square

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



188.7510, -30.3960, -10.8120



195.4520, -12.6560, 9.1040



197.5690, 26.4990, 9.8510



193.2380, 10.5930, -10.2630

Rectangle

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



188.7510, -30.3960, -10.8120



191.9720, -29.1600, -0.1680



197.5690, 26.4990, 9.8510



195.5220, 24.7130, -1.8390

Sweetspot

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



188.7510, -30.3960, -10.8120



249.0200, -11.9200, -4.2400



183.2360, -13.4290, -26.4610



123.9990, -7.4270, -3.0670



0.0000, 0.0000, 0.0000



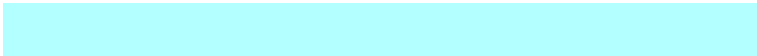
128.0000, -0.0000, -0.0000

Same Dimension

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



188.7510, -30.3960, -10.8120



232.2760, -45.2960, -16.1120



174.0760, -23.5210, 2.2630



99.0100, -5.9600, -2.1200



116.3660, -98.9360, -35.1920



26.6380, -22.6480, -8.0560

Inverse Universe

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



168.2490, 30.3960, 10.8120



201.7240, 45.2960, 16.1120



182.9240, 23.5210, -2.2630



94.9900, 5.9600, 2.1200



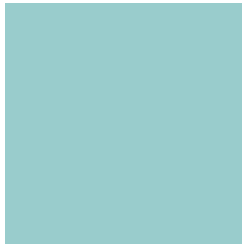
49.6340, 98.9360, 35.1920



11.3620, 22.6480, 8.0560

Previews

White Background



This preview shows how the YIQ color 188.7510, -30.3960, -10.8120 looks on a white background.

Color Contrast Check

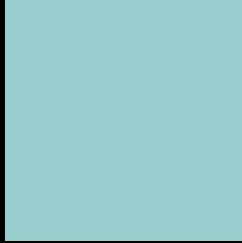
Large Text (above 18pt) WCAG AA × Fail

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 188.7510, -30.3960, -10.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

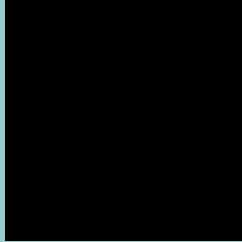
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

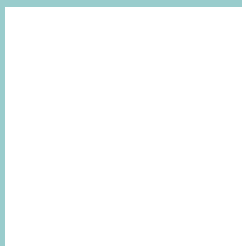
Any Text WCAG AAA ✓ Pass

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

YIQ 188.7510, -30.3960, -10.8120 Background



This preview shows how black text looks on a background with the YIQ color 188.7510, -30.3960, -10.8120.



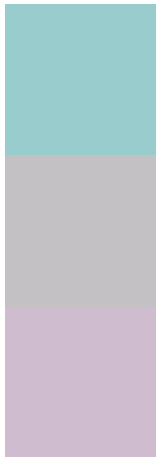
This preview shows how white text looks on a background with the YIQ color 188.7510, -30.3960, -10.8120.

-10.8120.

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

188.7510, -30.3960, -10.8120

Protanopia

194.3530, 0.5040, 1.8800

Deuteranopia

195.8470, 5.2250, 9.9370



Tritanopia

190.0700, -32.5520, -4.7760

Trichromacy



Original Color

188.7510, -30.3960, -10.8120

Protanomaly

192.2590, -11.0950, -2.6710

Deuteranomaly

193.2750, -8.0240, 2.2480

Tritanomaly

189.7880, -31.8180, -7.0660

Monochromacy



Original Color

188.7510, -30.3960, -10.8120

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.6180, -10.7280, -3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7510, -30.3960, -10.8120 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(153, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 204)  
}
```

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(153, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 204) }
```

Border

The CSS property to change the border of an element to YIQ 188.7510, -30.3960, -10.8120 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(153, 204, 204) }
```


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

```
.border{ border-color:rgb(153, 204, 204) }
```

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

Here you see how a box with a 4 pixel rgb(153, 204, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 204,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7510, -30.3960, -10.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 204) }
```

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

```
.background{ background-color: rgb(153,  
204, 204) }
```

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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