

Converting Colors

YIQ(188.4690, -29.6620,
-13.1020)

Have a look what the booklet for
YIQ(188.4690, -29.6620, -13.1020)
contains.

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Color

**YIQ(188.4690, -29.6620,
-13.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	98CDC7
RGB	152, 205, 199
RGB Percent	60%, 80%, 78%
CMY	0.4040, 0.1960, 0.2197
CMYK	0.26, 0.00, 0.03, 0.20
HSL	173°, 35%, 70%
HSV	173°, 26%, 80%
XYZ	45.0848, 54.4677, 62.1524
YIQ	188.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

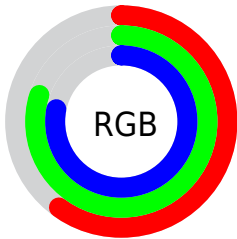
Format	Color
RYB	152, 180, 205
Decimal	10014151
CIELab	78.73, -18.39, -2.57
CIELCh	79, 18.571, 187.962
Yxy	54.4677, 0.2788, 0.3368
Android (android.graphics.Color)	4288204231 (0xFF98CDC7)
YUV	188.4690, 5.1918, -31.9833
Hunter-Lab	73.8022, -20.1106, 1.7306

Details

The YIQ color **188.4690, -29.6620, -13.1020** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.5310, 29.6620, 13.1020**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, -28.6080, -10.1760**, and **134.7680, -29.0660, -12.8900** is the 20% darker color. If you saturate the color by 10%, you get **181.9620, -41.5360, -18.1760**, and if you desaturate by 10%, it is **194.6770, -18.3840, -8.2400**.

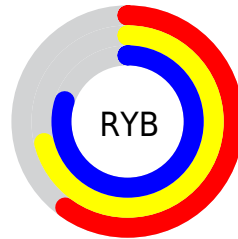
Distribution



Red (60%)

Green (80%)

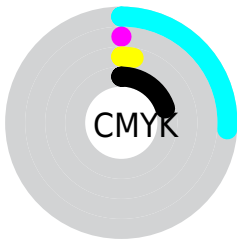
Blue (78%)



Red (60%)

Yellow (71%)

Blue (80%)

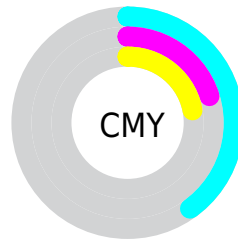


Cyan (26%)

Magenta (0%)

Yellow (3%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.4690, -29.6620, -13.1020 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 188.4690, -29.6620, -13.1020 by changing the saturation by 10% instead.

■ 188.4690,
-29.6620, -13.1020

■ 188.4690,
-29.6620, -13.1020

■ 255.0000, -0.0000,
-0.0000

■ 160.8820,
-29.3870, -12.5790

■ 240.6480,
-28.6080, -10.1760

■ 134.7680,
-29.0660, -12.8900

■ 249.3190,
-11.3240, -4.0280

■ 109.1810,
-28.7910, -12.3670

■ 84.1810, -28.7910,
-12.3670

■ 59.2840, -30.5790,
-13.0030

■ 36.6970, -30.3040,
-12.4800

■ 21.9760, -17.7880,

-8.0280

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 188.4690,
-29.6620, -13.1020

■ 188.4690,
-29.6620, -13.1020

■ 181.9620,
-41.5360, -18.1760

■ 194.6770,
-18.3840, -8.2400

■ 175.6400,
-52.4930, -23.3490

■ 201.2980, -6.8310,
-2.8550

■ 169.1330,
-64.3670, -28.4230

■ 207.5060, 4.4470,
2.0070

■ 162.9250,
-75.6450, -33.2850

■ 214.0130, 16.3210,
7.0810

■ 156.3040,
-87.1980, -38.6700

■ 220.3350, 27.2780,
12.2540

■ 150.0960,
-98.4760, -43.5320

■ 220.8620, 27.2320,
13.0880

■ 143.5890,
-110.3500, -48.6060

■ 221.0900, 26.5900,
13.7100

■ 141.0830,
-114.7970, -50.6130

■ 221.4320, 25.6270,
14.6430

■ 221.6600, 24.9850,
15.2650

Harmonies

Analogous

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



189.7170, -15.8610, -15.4210



188.4690, -29.6620, -13.1020



189.1080, -35.7150, -8.0270

Triad

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



188.4690, -29.6620, -13.1020



197.2470, -1.6530, 13.4430



195.3050, 26.8220, -1.5140

Complementary

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



188.4690, -29.6620, -13.1020



168.5310, 29.6620, 13.1020

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.



197.2010, 30.3510, 6.1190



188.4690, -29.6620, -13.1020



197.7990, 14.3480, 15.3080

Square

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



188.4690, -29.6620, -13.1020



194.9890, -18.6620, 7.8180



198.2640, 26.0400, 12.6640



193.8150, 16.2780, -8.6660

Rectangle

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



188.4690, -29.6620, -13.1020



190.7540, -34.4780, -2.9100



198.2640, 26.0400, 12.6640



196.2560, 28.5180, 0.7900

Sweetspot

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



188.4690, -29.6620, -13.1020



248.7920, -11.2780, -4.8620



184.9050, -10.9990, -26.4470



123.8850, -7.1060, -3.3780



0.0000, 0.0000, 0.0000



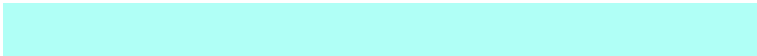
128.0000, -0.0000, -0.0000

Same Dimension

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



188.4690, -29.6620, -13.1020



230.3530, -44.1950, -19.5470



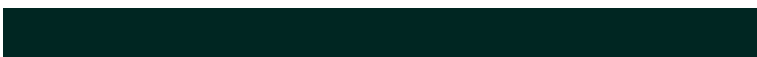
177.4130, -26.0880, -0.7760



98.8960, -5.6390, -2.4310



114.2000, -92.8370, -41.1010



26.1820, -21.3640, -9.3000

Inverse Universe

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



168.5310, 29.6620, 13.1020



200.6470, 44.1950, 19.5470



179.5870, 26.0880, 0.7760



95.1040, 5.6390, 2.4310



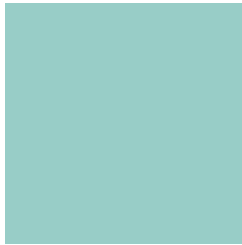
51.8000, 92.8370, 41.1010



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 188.4690, -29.6620, -13.1020 looks on a white background.

Color Contrast Check

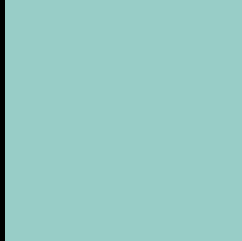
Large Text (above 18pt) WCAG AA × Fail

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 188.4690, -29.6620, -13.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

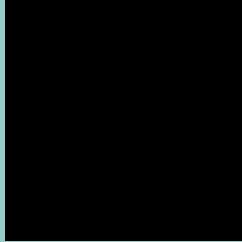
Any Text WCAG AA ✓ Pass

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 188.4690, -29.6620, -13.1020 Background



This preview shows how black text looks on a background with the YIQ color 188.4690, -29.6620, -13.1020.



This preview shows how white text looks on a background with the YIQ color 188.4690, -29.6620, -13.1020.

-13.1020.

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

188.4690, -29.6620, -13.1020

Protanopia

194.3810, 3.3010, 0.7490

Deuteranopia

195.8750, 8.0220, 8.8060



Tritanopia

190.0700, -32.5520, -4.7760

Trichromacy



Original Color

188.4690, -29.6620, -13.1020

Protanomaly

191.9880, -8.8940, -4.0140

Deuteranomaly

193.0040, -5.8230, 0.9050

Tritanomaly

189.5600, -31.1760, -7.6880

Monochromacy



Original Color

188.4690, -29.6620, -13.1020

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0910, -10.6820, -4.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4690, -29.6620, -13.1020 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(152, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 205, 199)  
}
```

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(152, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 205, 199) }
```

Border

The CSS property to change the border of an element to YIQ 188.4690, -29.6620, -13.1020 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(152, 205, 199) }
```


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

```
.border{ border-color:rgb(152, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(152, 205,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4690, -29.6620, -13.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 205, 199) }
```

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

```
.background{ background-color: rgb(152,  
205, 199) }
```

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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