

Converting Colors

YIQ(187.9180, -30.2090,
-30.7290)

Have a look what the booklet for
YIQ(187.9180, -30.2090, -30.7290)
contains.

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Color

**YIQ(187.9180, -30.2090,
-30.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD8A9
RGB	140, 216, 169
RGB Percent	55%, 85%, 66%
CMY	0.4512, 0.1528, 0.3373
CMYK	0.35, 0.00, 0.22, 0.15
HSL	143°, 49%, 70%
HSV	143°, 35%, 85%
XYZ	42.5296, 57.5626, 46.3948
YIQ	187.9180, -30.2090, -30.7290

Conversions

Conversions Part 2

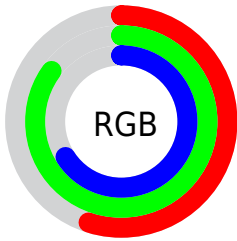
Format	Color
RYB	140, 195, 216
Decimal	9230505
CIELab	80.50, -33.49, 15.87
CIElCh	80, 37.065, 154.645
Yxy	57.5626, 0.2903, 0.3930
Android (android.graphics.Color)	4287420585 (0xFF8CD8A9)
YUV	187.9180, -9.3266, -42.0241
Hunter-Lab	75.8700, -32.7127, 16.8530

Details

The YIQ color **187.9180, -30.2090, -30.7290** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168.0820, 30.2090, 30.7290**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8250, -25.2130, -22.1490**, and **133.5590, -30.5760, -29.5840** is the 20% darker color. If you saturate the color by 10%, you get **179.8580, -39.1480, -39.4360**, and if you desaturate by 10%, it is **195.9780, -21.2700, -22.0220**.

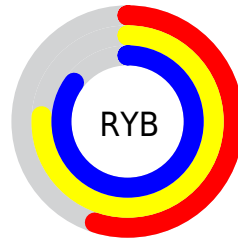
Distribution



Red (55%)

Green (85%)

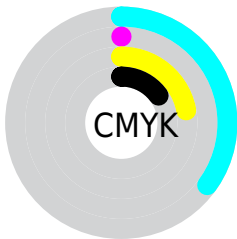
Blue (66%)



Red (55%)

Yellow (76%)

Blue (85%)

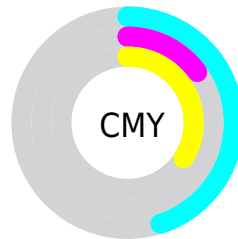


Cyan (35%)

Magenta (0%)

Yellow (22%)

Black (15%)



Cyan (45%)

Magenta (15%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.9180, -30.2090, -30.7290 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 187.9180, -30.2090, -30.7290 by changing the saturation by 10% instead.

■ 187.9180,
-30.2090, -30.7290

■ 187.9180,
-30.2090, -30.7290

■ 255.0000, -0.0000,
-0.0000

■ 160.3310,
-29.9340, -30.2060

■ 233.8250,
-25.2130, -22.1490

■ 133.5590,
-30.5760, -29.5840

■ 245.5030,
-17.8340, -7.1940

■ 107.0860,
-30.6220, -28.7500

■ 254.7010, -0.5960,
-0.2120

■ 81.0040, -33.3270,
-29.2870

■ 54.5520, -37.8660,
-29.6260

■ 38.0700, -24.5250,
-23.6050

■ 22.3060, -10.4500,

-19.8740

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 187.9180,
-30.2090, -30.7290

■ 187.9180,
-30.2090, -30.7290

■ 179.8580,
-39.1480, -39.4360

■ 195.9780,
-21.2700, -22.0220

■ 171.9830,
-47.1700, -48.2420

■ 203.8530,
-13.2480, -13.2160

■ 163.9230,
-56.1090, -56.9490

■ 211.9130, -4.3090,
-4.5090

■ 156.1620,
-64.4520, -65.4440

■ 219.6740, 4.0340,
3.9860

■ 147.9880,
-73.0700, -74.4620

■ 227.8480, 12.6520,
13.0040

■ 139.9280,
-82.0090, -83.1690

■ 231.4230, 12.6510,
18.5310

■ 136.1400,
-85.7220, -87.4660

■ 232.1070, 10.7250,
20.3970

Harmonies

Analogous

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



192.9900, 4.8190, -26.7730



187.9180, -30.2090, -30.7290



181.7090, -66.1090, -29.8930

Triad

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



187.9180, -30.2090, -30.7290



195.1960, -41.1740, 8.3140



198.6120, 51.3030, 11.8710

Complementary

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



187.9180, -30.2090, -30.7290



168.0820, 30.2090, 30.7290

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.



200.1400, 41.4890, 24.5370



187.9180, -30.2090, -30.7290



203.1020, -8.0740, 25.1900

Square

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



187.9180, -30.2090, -30.7290



185.2190, -75.5120, -8.1520



204.8580, 25.0280, 31.0120



199.6530, 52.0850, -2.3070

Rectangle

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



187.9180, -30.2090, -30.7290



178.3620, -83.9450, -26.0330



204.8580, 25.0280, 31.0120



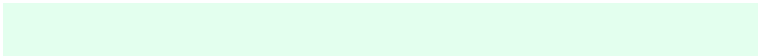
198.6920, 48.3220, 16.3380

Sweetspot

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



187.9180, -30.2090, -30.7290



244.6900, -11.2310, -11.2230



198.9640, 7.7080, -29.5720



121.6630, -6.6010, -7.0250



0.0000, 0.0000, 0.0000



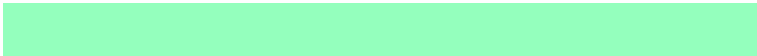
128.0000, -0.0000, -0.0000

Same Dimension

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



187.9180, -30.2090, -30.7290



215.4830, -42.5860, -43.2100



192.1360, -42.0860, -19.2220



102.9130, -4.3090, -4.5090



107.7870, -67.8900, -69.2180



27.1790, -17.2820, -17.2020

Inverse Universe

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



168.0820, 30.2090, 30.7290



187.5170, 42.5860, 43.2100



163.8640, 42.0860, 19.2220



100.0870, 4.3090, 4.5090



63.2130, 67.8900, 69.2180



15.9350, 16.9610, 17.5130

Previews

White Background



This preview shows how the YIQ color 187.9180, -30.2090, -30.7290 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 187.9180, -30.2090, -30.7290 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 187.9180, -30.2090, -30.7290 Background



This preview shows how black text looks on a background with the YIQ color 187.9180, -30.2090, -30.7290.



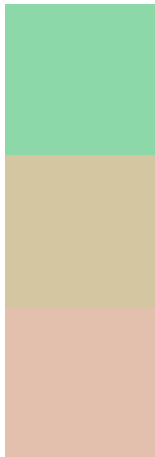
This preview shows how white text looks on a background with the YIQ color 187.9180, -30.2090, -30.7290.

-30.7290.

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

187.9180, -30.2090, -30.7290

Protanopia

197.5550, 19.9460, -9.0620

Deuteranopia

199.8260, 26.9130, 2.3450



Tritanopia

193.1940, -38.8330, -6.5850

Trichromacy



Original Color

187.9180, -30.2090, -30.7290

Protanomaly

194.2320, 1.5620, -17.3020

Deuteranomaly

195.3130, 6.0080, -9.7680

Tritanomaly

191.4790, -35.6220, -15.2220

Monochromacy



Original Color

187.9180, -30.2090, -30.7290

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9890, -10.6350, -11.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9180, -30.2090, -30.7290 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(140, 216, 169)` looks like.

```
.text, #text, p{  
    color:rgb(140, 216, 169)  
}
```

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(140, 216, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 216, 169) }
```

Border

The CSS property to change the border of an element to YIQ 187.9180, -30.2090, -30.7290 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(140, 216, 169) }
```


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

```
.border{ border-color:rgb(140, 216, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 216, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 216, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 216, 169);  
box-shadow:4px 4px 4px 4px rgb(140, 216,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9180, -30.2090, -30.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 216, 169) }
```

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

```
.background{ background-color: rgb(140,  
216, 169) }
```

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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