

Converting Colors

YIQ(184.9220, -9.6690,
-28.5250)

Have a look what the booklet for
YIQ(184.9220, -9.6690, -28.5250)
contains.

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Color

**YIQ(184.9220, -9.6690,
-28.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECE93
RGB	158, 206, 147
RGB Percent	62%, 81%, 58%
CMY	0.3805, 0.1921, 0.4235
CMYK	0.23, 0.00, 0.29, 0.19
HSL	109°, 38%, 69%
HSV	109°, 29%, 81%
XYZ	41.4357, 53.5241, 35.7518
YIQ	184.9220, -9.6690, -28.5250

Conversions

Conversions Part 2

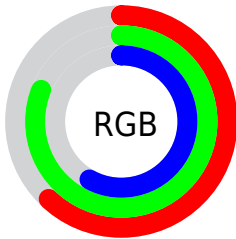
Format	Color
RYB	147, 206, 195
Decimal	10407571
CIELab	78.18, -26.84, 24.41
CIELCh	78, 36.277, 137.716
Yxy	53.5241, 0.3170, 0.4095
Android (android.graphics.Color)	4288597651 (0xFF9ECE93)
YUV	184.9220, -18.6955, -23.6106
Hunter-Lab	73.1602, -26.9333, 22.2383

Details

The YIQ color **184.9220, -9.6690, -28.5250** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168.0780, 9.6690, 28.5250**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.2860, -7.6980, -25.6980**, and **130.9760, -9.7610, -26.8570** is the 20% darker color. If you saturate the color by 10%, you get **177.4450, -13.0600, -38.6600**, and if you desaturate by 10%, it is **192.3990, -6.2780, -18.3900**.

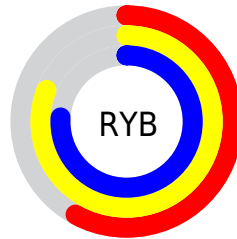
Distribution



Red (62%)

Green (81%)

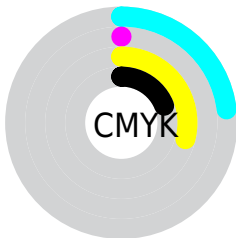
Blue (58%)



Red (58%)

Yellow (81%)

Blue (76%)

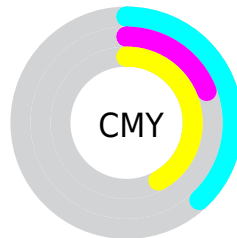


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (19%)



Cyan (38%)


Magenta (19%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.9220, -9.6690, -28.5250 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 184.9220, -9.6690, -28.5250 by changing the saturation by 10% instead.

 184.9220, -9.6690,
-28.5250


 184.9220, -9.6690,
-28.5250


255.0000, -0.0000,
-0.0000


 157.4490, -9.7150,
-27.6910


 236.2860, -7.6980,
-25.6980


 130.9760, -9.7610,
-26.8570


 248.2630, 0.2770,
-10.5310

 105.5030, -9.8070,
-26.0230

 80.7310, -10.4490,
-25.4010

 56.8450, -10.7700,
-25.0900

 32.5350, -12.8330,
-26.2490

 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 184.9220, -9.6690,
-28.5250

■ 184.9220, -9.6690,
-28.5250

■ 177.4450,
-13.0600, -38.6600

■ 192.3990, -6.2780,
-18.3900

■ 170.0820,
-16.7720, -48.4840

■ 199.7620, -2.5660,
-8.5660

■ 162.9040,
-19.5670, -58.4070

■ 206.9400, 0.2290,
1.3570

■ 155.5410,
-23.2790, -68.2310

■ 214.3030, 3.9410,
11.1810

■ 148.0640,
-26.6700, -78.3660

■ 221.7800, 7.3320,
21.3160

■ 140.5870,
-30.0610, -88.5010

■ 226.2370, 13.4750,
25.6270

■ 133.5230,
-33.1770, -98.1130

■ 132.2840,
-34.0020, -99.6820

Harmonies

Analogous

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



189.4220, 21.2780, -22.1940



184.9220, -9.6690, -28.5250



179.1320, -45.4310, -30.1910

Triad

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



184.9220, -9.6690, -28.5250



184.7310, -62.0340, 0.8940



194.6970, 49.9260, 20.3100

Complementary

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



184.9220, -9.6690, -28.5250



168.0780, 9.6690, 28.5250

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.



198.0780, 36.0320, 29.8240



184.9220, -9.6690, -28.5250



193.8220, -28.0170, 17.6710

Square

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



184.9220, -9.6690, -28.5250



174.5010, -85.4140, -15.9260



198.1100, 6.6430, 28.2990



194.6030, 55.5220, 6.9940

Rectangle

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



184.9220, -9.6690, -28.5250



174.8660, -67.9890, -28.8610



198.1100, 6.6430, 28.2990



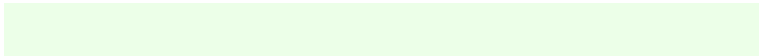
196.0650, 46.0740, 24.0420

Sweetspot

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



184.9220, -9.6690, -28.5250



246.6970, -3.9410, -11.1810



192.2300, 22.2390, -12.0730



122.7020, -2.3370, -7.2090



0.0000, 0.0000, 0.0000



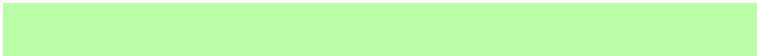
128.0000, -0.0000, -0.0000

Same Dimension

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



184.9220, -9.6690, -28.5250



223.8530, -14.3890, -42.1090



183.6850, -22.0030, -25.2590



98.4680, -1.5580, -4.8060



106.7110, -27.1740, -80.2460



24.3990, -6.2780, -18.3900

Inverse Universe

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



168.0780, 9.6690, 28.5250



199.1470, 14.3890, 42.1090



169.3150, 22.0030, 25.2590



95.5320, 1.5580, 4.8060



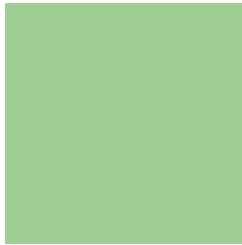
59.2890, 27.1740, 80.2460



13.6010, 6.2780, 18.3900

Previews

White Background



This preview shows how the YIQ color 184.9220, -9.6690, -28.5250 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 184.9220, -9.6690, -28.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

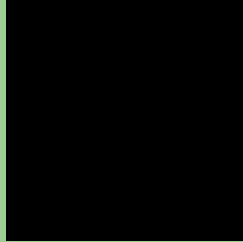
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.9220, -9.6690, -28.5250

Background



This preview shows how black text looks on a background with the YIQ color 184.9220, -9.6690, -28.5250.



This preview shows how white text looks on a background with the YIQ color 184.9220, -9.6690,

-28.5250.

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

184.9220, -9.6690, -28.5250

Protanopia

191.2580, 25.0360, -13.2040

Deuteranopia

193.0840, 34.7540, -2.0940



Tritanopia

190.4520, -21.8240, -0.9600

Trichromacy



Original Color

184.9220, -9.6690, -28.5250

Protanomaly

189.0390, 12.2910, -19.0130

Deuteranomaly

190.4900, 18.5710, -11.6770

Tritanomaly

188.2810, -17.3290, -10.8410

Monochromacy



Original Color

184.9220, -9.6690, -28.5250

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1100, -3.6660, -10.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.9220, -9.6690, -28.5250 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(158, 206, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 206, 147)  
}
```

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(158, 206, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 206, 147) }
```

Border

The CSS property to change the border of an element to YIQ 184.9220, -9.6690, -28.5250 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(158, 206, 147) }
```


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

```
.border{ border-color:rgb(158, 206, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 206, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 206, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 206, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 206,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 184.9220, -9.6690, -28.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 206, 147) }
```

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

```
.background{ background-color: rgb(158,  
206, 147) }
```

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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