

Converting Colors

YIQ(184.5290, 49.1980,
-10.5620)

Have a look what the booklet for
YIQ(184.5290, 49.1980, -10.5620)
contains.

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Color

**YIQ(184.5290, 49.1980,
-10.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B270
RGB	225, 178, 112
RGB Percent	88%, 70%, 44%
CMY	0.1176, 0.3020, 0.5605
CMYK	0.00, 0.21, 0.50, 0.12
HSL	35°, 65%, 66%
HSV	35°, 50%, 88%
XYZ	49.9015, 49.0146, 22.1782
YIQ	184.5290, 49.1980, -10.5620

Conversions

Conversions Part 2

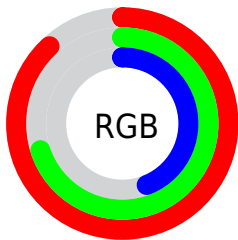
Format	Color
RYB	192, 225, 112
Decimal	14791280
CIELab	75.46, 9.14, 40.01
CIELCh	75, 41.045, 77.139
Yxy	49.0146, 0.4121, 0.4048
Android (android.graphics.Color)	4292981360 (0xFFE1B270)
YUV	184.5290, -35.7568, 35.4931
Hunter-Lab	70.0104, 4.7118, 30.2251

Details

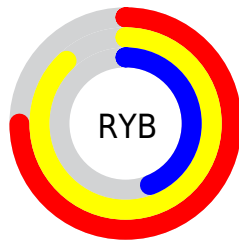
The YIQ color **184.5290, 49.1980, -10.5620** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **152.4710, -49.1980, 10.5620**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.4130, 34.6650, -17.0070**, and **130.3760, 45.2550, -10.6890** is the 20% darker color. If you saturate the color by 10%, you get **176.7380, 58.7350, -12.6970**, and if you desaturate by 10%, it is **192.4340, 39.3400, -8.1160**.

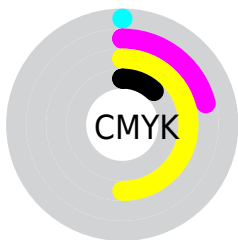
Distribution



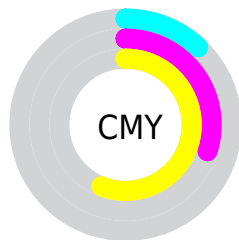
- Red (88%)
- Green (70%)
- Blue (44%)



- Red (75%)
- Yellow (88%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5290, 49.1980, -10.5620 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 184.5290, 49.1980, -10.5620 by changing the saturation by 10% instead.

184.5290, 49.1980,
-10.5620

184.5290, 49.1980,
-10.5620

255.0000, -0.0000,
-0.0000

157.1590, 47.3640,
-10.3640

232.4130, 34.6650,
-17.0070

130.3760, 45.2550,
-10.6890

247.8180, 20.2230,
-19.5930

105.1800, 42.8710,
-11.5370

251.0100, 11.2350,
-10.8850

80.1690, 41.4040,
-12.4840

254.3160, 1.9260,
-1.8660

57.1130, 35.8100,
-10.2220

37.0120, 26.0890,
-4.7510

17.5090, 17.5600,

1.1440

■ 0.0000, 0.0000,
0.0000

■ 184.5290, 49.1980,
-10.5620

■ 184.5290, 49.1980,
-10.5620

■ 176.7380, 58.7350,
-12.6970

■ 192.4340, 39.3400,
-8.1160

■ 168.2460, 68.8680,
-14.6200

■ 200.8120, 29.5280,
-6.5040

■ 160.4550, 78.4050,
-16.7550

■ 208.7170, 19.6700,
-4.0580

■ 152.5500, 88.2630,
-19.2010

■ 216.5080, 10.1330,
-1.9230

■ 144.1720, 98.0750,
-20.8130

■ 225.0000, -0.0000,
-0.0000

■ 232.7910, -9.5370,
2.1350

■ 239.5730,
-14.8550, -0.6070

■ 244.8560,
-17.3300, -5.3140

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



186.6530, 61.2530, 7.7570



184.5290, 49.1980, -10.5620



180.8090, 24.4420, -24.4700

Triad

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



184.5290, 49.1980, -10.5620



154.9850, -102.2370, -35.9410



190.6310, 6.7340, 32.1580

Complementary

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



184.5290, 49.1980, -10.5620



152.4710, -49.1980, 10.5620

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.



185.5380, -32.9690, 19.3110



184.5290, 49.1980, -10.5620



153.3980, -119.1570, -26.6530

Square

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



184.5290, 49.1980, -10.5620



168.4900, -52.4910, -34.4030



173.1470, -75.0090, -0.7450



190.4530, 39.4700, 33.5980

Rectangle

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



184.5290, 49.1980, -10.5620



177.9140, 1.9770, -30.3350



173.1470, -75.0090, -0.7450



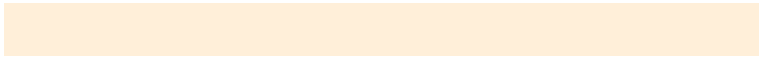
189.9930, -6.1490, 28.8510

Sweetspot

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



184.5290, 49.1980, -10.5620



241.2760, 16.5980, -3.4500



151.1450, 52.2610, 38.5730



119.5080, 10.1330, -1.9230



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.



184.5290, 49.1980, -10.5620



199.9900, 66.7130, -14.1110



209.4270, 30.9090, -37.0510



108.3980, 4.6310, -1.3290



113.0850, 76.5710, -16.5570



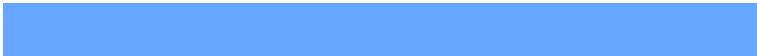
30.7880, 20.9080, -4.4680

Inverse Universe

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



152.4710, -49.1980, 10.5620



157.0100, -66.7130, 14.1110



127.5730, -30.9090, 37.0510



105.1890, -4.9060, 0.8060



62.9150, -76.5710, 16.5570



17.2120, -20.9080, 4.4680

Previews

White Background



This preview shows how the YIQ color 184.5290, 49.1980, -10.5620 looks on a white background.

Color Contrast Check

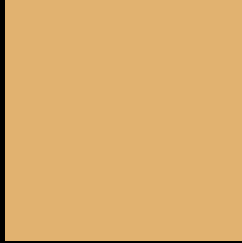
Large Text (above 18pt) WCAG AA × Fail

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 184.5290, 49.1980, -10.5620 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 184.5290, 49.1980, -10.5620

Background



This preview shows how black text looks on a background with the YIQ color 184.5290, 49.1980, -10.5620.



This preview shows how white text looks on a background with the YIQ color 184.5290, 49.1980,

-10.5620.

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

184.5290, 49.1980, -10.5620

Protanopia

182.9890, 32.9230, -18.4770

Deuteranopia

184.8280, 49.7940, -10.3500



Tritanopia

189.0200, 32.7790, 17.1870

Trichromacy



Original Color

184.5290, 49.1980, -10.5620

Protanomaly

183.5060, 38.8370, -15.5230

Deuteranomaly

184.8280, 49.7940, -10.3500

Tritanomaly

187.3330, 38.7870, 7.4190

Monochromacy



Original Color

184.5290, 49.1980, -10.5620

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.6460, 18.4320, -3.6480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5290, 49.1980, -10.5620 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(225, 178, 112)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 112)  
}
```

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(225, 178, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 112) }
```

Border

The CSS property to change the border of an element to YIQ 184.5290, 49.1980, -10.5620 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(225, 178, 112) }
```


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

```
.border{ border-color:rgb(225, 178, 112) }
```

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

Here you see how a box with a 4 pixel rgb(225, 178, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 112);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5290, 49.1980, -10.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 178, 112) }
```

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

```
.background{ background-color: rgb(225,  
178, 112) }
```

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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