

Converting Colors

YIQ(182.6220, 53.3700, -9.0780)

Have a look what the booklet for
YIQ(182.6220, 53.3700, -9.0780)
contains.

YIQ(182.6220, 53.3700, -9.0780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(182.6220, 53.3700,
-9.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	E4AE6C
RGB	228, 174, 108
RGB Percent	89%, 68%, 42%
CMY	0.1058, 0.3177, 0.5762
CMYK	0.00, 0.24, 0.53, 0.11
HSL	33°, 69%, 66%
HSV	33°, 53%, 89%
XYZ	49.8440, 47.8450, 20.8140
YIQ	182.6220, 53.3700, -9.0780

Conversions

Conversions Part 2

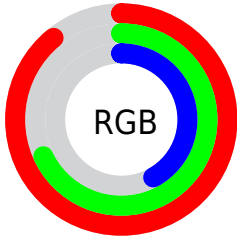
Format	Color
R _Y B	206, 228, 108
Decimal	14986860
CIE Lab	74.73, 12.14, 41.21
CIE LCh	75, 42.966, 73.585
Yxy	47.8450, 0.4206, 0.4037
Android (android.graphics.Color)	4293176940 (0xFFE4AE6C)
YUV	182.6220, -36.7886, 39.7965
Hunter-Lab	69.1701, 7.5794, 30.5781

Details

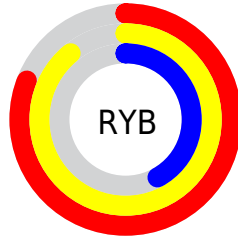
The YIQ color **182.6220, 53.3700, -9.0780** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **153.3780, -53.3700, 9.0780**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.0220, 37.3240, -15.6360**, and **129.0560, 49.1520, -9.7280** is the 20% darker color. If you saturate the color by 10%, you get **174.1300, 63.5030, -11.0010**, and if you desaturate by 10%, it is **191.1140, 43.2370, -7.1550**.

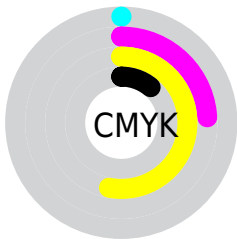
Distribution



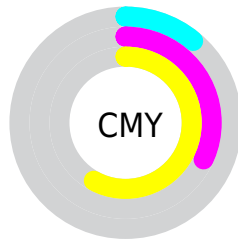
- Red (89%)
- Green (68%)
- Blue (42%)



- Red (81%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (53%)
- Black (11%)




- Cyan (11%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 182.6220, 53.3700, -9.0780 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 182.6220, 53.3700, -9.0780 by changing the saturation by 10% instead.

 182.6220, 53.3700,
-9.0780


 182.6220, 53.3700,
-9.0780

255.0000, -0.0000,
-0.0000

 155.2520, 51.5360,
-8.8800

 229.0220, 37.3240,
-15.6360


 129.0560, 49.1520,
-9.7280


 247.3620, 21.5070,
-20.8370


 102.9740, 46.4470,
-10.2650

 250.5540, 12.5190,
-12.1290

 77.8490, 45.3010,
-11.5230

 253.8600, 3.2100,
-3.1100

 55.9500, 37.8270,
-8.2290

 34.9630, 27.7850,
-2.4470

 14.8730, 19.5310,

3.9710

■ 0.0000, 0.0000,
0.0000

■ 182.6220, 53.3700,
-9.0780

■ 182.6220, 53.3700,
-9.0780

■ 174.1300, 63.5030,
-11.0010

■ 191.1140, 43.2370,
-7.1550

■ 165.0510, 73.9110,
-12.4010

■ 200.1930, 32.8290,
-5.7550

■ 156.6730, 83.7230,
-14.0130

■ 208.5710, 23.0170,
-4.1430

■ 148.1810, 93.8560,
-15.9360

■ 217.0630, 12.8840,
-2.2200

■ 141.5470,
101.5130, -17.0390

■ 225.5550, 2.7510,
-0.2970

■ 234.6340, -7.6570,
1.1030

■ 241.6440,
-13.6170, -1.0170

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



185.0880, 64.4620, 10.1740



182.6220, 53.3700, -9.0780



179.1470, 29.3020, -24.4420

Triad

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



182.6220, 53.3700, -9.0780



144.4450, -118.5120, -43.8560



188.5920, 2.4700, 32.3420

Complementary

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



182.6220, 53.3700, -9.0780



153.3780, -53.3700, 9.0780

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.



182.2490, -39.5250, 16.9790



182.6220, 53.3700, -9.0780



145.5920, -131.6270, -31.9390

Square

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



182.6220, 53.3700, -9.0780



166.1050, -49.9690, -36.0570



166.8680, -87.5250, -5.1970



188.4360, 38.1400, 35.6760

Rectangle

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



182.6220, 53.3700, -9.0780



175.8390, 6.5620, -30.8300



166.8680, -87.5250, -5.1970



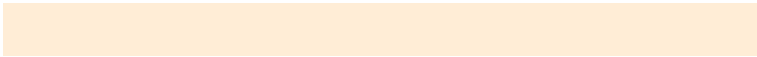
187.4700, -11.9260, 28.9220

Sweetspot

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



182.6220, 53.3700, -9.0780



239.7600, 18.1110, -3.3370



150.2640, 53.5440, 42.8560



118.6930, 11.0500, -2.0220



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.



182.6220, 53.3700, -9.0780



194.3820, 71.4810, -12.4150



213.1240, 36.1360, -38.1680



110.6970, 5.2270, -1.1170



111.0470, 79.7340, -13.3060



31.6850, 22.6960, -3.8320

Inverse Universe

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



153.3780, -53.3700, 9.0780



155.2050, -71.7560, 11.8920



122.8760, -36.1360, 38.1680



107.3030, -5.2270, 1.1170



67.3660, -79.4590, 13.8290



19.3150, -22.6960, 3.8320

Previews

White Background



This preview shows how the YIQ color 182.6220, 53.3700, -9.0780 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 182.6220, 53.3700, -9.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

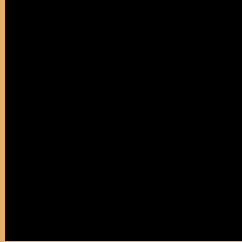
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.6220, 53.3700, -9.0780

Background



This preview shows how black text looks on a background with the YIQ color 182.6220, 53.3700, -9.0780.



This preview shows how white text looks on a background with the YIQ color 182.6220, 53.3700, -9.0780.

-9.0780.

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

182.6220, 53.3700, -9.0780

Protanopia

180.8750, 33.2440, -18.7880

Deuteranopia

182.6000, 50.4360, -10.9720



Tritanopia

187.1130, 36.9510, 18.6710

Trichromacy



Original Color

182.6220, 53.3700, -9.0780

Protanomaly

181.4030, 40.6250, -14.8870

Deuteranomaly

182.3120, 51.3070, -10.2370

Tritanomaly

185.4260, 42.9590, 8.9030

Monochromacy



Original Color

182.6220, 53.3700, -9.0780

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

182.9450, 19.0280, -3.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.6220, 53.3700, -9.0780 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(228, 174, 108)` looks like.

```
.text, #text, p{  
    color:rgb(228, 174, 108)  
}
```

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(228, 174, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 174, 108) }
```

Border

The CSS property to change the border of an element to YIQ 182.6220, 53.3700, -9.0780 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(228, 174, 108) }
```


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

```
.border{ border-color:rgb(228, 174, 108) }
```

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

Here you see how a box with a 4 pixel rgb(228, 174, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 174, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 174, 108);  
box-shadow:4px 4px 4px 4px rgb(228, 174,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 182.6220, 53.3700, -9.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 174, 108) }
```

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

```
.background{ background-color: rgb(228,  
174, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor