

Converting Colors

YIQ(181.4830, 64.0070, -9.1210)

Have a look what the booklet for
YIQ(181.4830, 64.0070, -9.1210)
contains.

YIQ(181.4830, 64.0070, -9.1210)	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(181.4830, 64.0070,
-9.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAA5F
RGB	237, 170, 95
RGB Percent	93%, 67%, 37%
CMY	0.0705, 0.3334, 0.6271
CMYK	0.00, 0.28, 0.60, 0.07
HSL	32°, 80%, 65%
HSV	32°, 60%, 93%
XYZ	51.3732, 47.5760, 17.3209
YIQ	181.4830, 64.0070, -9.1210

Conversions

Conversions Part 2

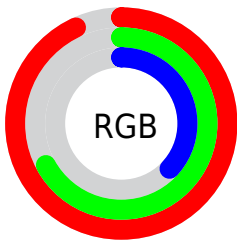
Format	Color
R _Y B	222, 237, 95
Decimal	15575647
CIE Lab	74.56, 16.96, 47.76
CIE LCh	75, 50.686, 70.453
Yxy	47.5760, 0.4418, 0.4092
Android (android.graphics.Color)	4293765727 (0xFFEDAA5F)
YUV	181.4830, -42.6361, 48.6884
Hunter-Lab	68.9753, 12.2410, 33.3940

Details

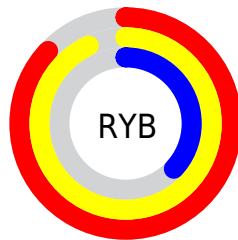
The YIQ color **181.4830, 64.0070, -9.1210** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **150.5170, -64.0070, 9.1210**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.0780, 42.9180, -17.8980**, and **127.3190, 58.5970, -10.1950** is the 20% darker color. If you saturate the color by 10%, you get **172.2900, 74.7360, -10.8320**, and if you desaturate by 10%, it is **190.6760, 53.2780, -7.4100**.

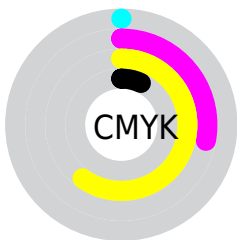
Distribution



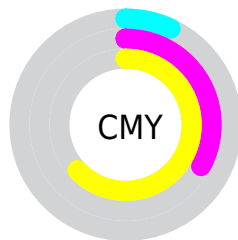
- Red (93%)
- Green (67%)
- Blue (37%)



- Red (87%)
- Yellow (93%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.4830, 64.0070, -9.1210 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 181.4830, 64.0070, -9.1210 by changing the saturation by 10% instead.

181.4830, 64.0070,
-9.1210

181.4830, 64.0070,
-9.1210

255.0000, -0.0000,
-0.0000

153.8140, 61.5770,
-9.1350

225.0780, 42.9180,
-17.8980

127.3190, 58.5970,
-10.1950

245.2930, 25.9550,
-24.3570

100.8950, 56.8550,
-11.6650

249.0720, 16.6920,
-16.1720

76.3830, 52.5450,
-10.6470

252.2640, 7.7040,
-7.4640

55.0970, 41.9070,
-5.0770

34.6970, 31.5900,
0.1820

13.7210, 23.0150,

6.9110

■ 0.0000, 0.0000,
0.0000

■ 181.4830, 64.0070,
-9.1210

■ 181.4830, 64.0070,
-9.1210

■ 172.2900, 74.7360,
-10.8320

■ 190.6760, 53.2780,
-7.4100

■ 163.2110, 85.1440,
-12.2320

■ 199.7550, 42.8700,
-6.0100

■ 153.4310, 96.1480,
-13.4200

■ 209.5350, 31.8660,
-4.8220

■ 144.2380,
106.8770, -15.1310

■ 218.7280, 21.1370,
-3.1110

■ 227.9210, 10.4080,
-1.4000

■ 237.0000, -0.0000,
-0.0000

■ 245.5090, -8.8030,
-0.1550

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



180.8930, 69.5050, 12.3930



181.4830, 64.0070, -9.1210



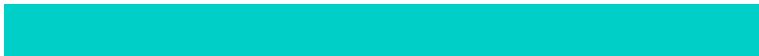
177.9320, 37.0970, -28.0470

Triad

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



181.4830, 64.0070, -9.1210



144.1950, -120.8040, -46.3720



188.4160, -2.6660, 37.3180

Complementary

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



181.4830, 64.0070, -9.1210



150.5170, -64.0070, 9.1210

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.



177.1550, -51.1240, 12.4280



181.4830, 64.0070, -9.1210



148.0370, -134.3780, -31.6420

Square

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



181.4830, 64.0070, -9.1210



160.8710, -58.3580, -43.7180



144.7090, -136.0300, -23.7260



188.0330, 41.0730, 43.0970

Rectangle

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



181.4830, 64.0070, -9.1210



174.6020, 11.4230, -36.3290



144.7090, -136.0300, -23.7260



185.6590, -16.8320, 29.7280

Sweetspot

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



181.4830, 64.0070, -9.1210



236.8420, 20.8160, -2.8000



145.3240, 62.4830, 51.5630



116.4760, 13.1590, -1.6970



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.



181.4830, 64.0070, -9.1210



182.9550, 82.9890, -11.7230



220.2140, 44.3900, -44.5860



112.8110, 4.9060, -0.8060



110.4710, 81.4760, -11.8360



32.5820, 24.4840, -3.1960

Inverse Universe

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



150.5170, -64.0070, 9.1210



143.0450, -82.9890, 11.7230



111.7860, -44.3900, 44.5860



110.1890, -4.9060, 0.8060



71.1160, -81.7510, 11.3130



20.8310, -24.2090, 3.7190

Previews

White Background



This preview shows how the YIQ color 181.4830, 64.0070, -9.1210 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 181.4830, 64.0070, -9.1210 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 181.4830, 64.0070, -9.1210

Background



This preview shows how black text looks on a background with the YIQ color 181.4830, 64.0070, -9.1210.



This preview shows how white text looks on a background with the YIQ color 181.4830, 64.0070,

-9.1210.

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

181.4830, 64.0070, -9.1210

Protanopia

179.8060, 37.6920, -22.3080

Deuteranopia

181.0150, 56.3970, -14.3790



Tritanopia

186.8860, 45.0200, 21.1160

Trichromacy



Original Color

181.4830, 64.0070, -9.1210

Protanomaly

180.5300, 47.4570, -17.5590

Deuteranomaly

181.0370, 59.3310, -12.4850

Tritanomaly

184.8570, 51.9910, 10.4150

Monochromacy



Original Color

181.4830, 64.0070, -9.1210

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0980, 22.9710, -3.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.4830, 64.0070, -9.1210 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(237, 170, 95)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 95)  
}
```

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(237, 170, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 95) }
```

Border

The CSS property to change the border of an element to YIQ 181.4830, 64.0070, -9.1210 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(237, 170, 95) }
```


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

```
.border{ border-color:rgb(237, 170, 95) }
```

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

Here you see how a box with a 4 pixel rgb(237, 170, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 95);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 181.4830, 64.0070, -9.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 95) }
```

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

```
.background{ background-color: rgb(237,  
170, 95) }
```

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