

Converting Colors

YIQ(181.5720, 64.8340,
-18.6060)

Have a look what the booklet for
YIQ(181.5720, 64.8340, -18.6060)
contains.

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Color

**YIQ(181.5720, 64.8340,
-18.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B04E
RGB	232, 176, 78
RGB Percent	91%, 69%, 31%
CMY	0.0901, 0.3099, 0.6938
CMYK	0.00, 0.24, 0.66, 0.09
HSL	38°, 77%, 61%
HSV	38°, 66%, 91%
XYZ	50.1836, 48.7515, 13.9887
YIQ	181.5720, 64.8340, -18.6060

Conversions

Conversions Part 2

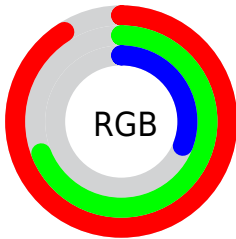
Format	Color
RYB	166, 232, 78
Decimal	15249486
CIELab	75.30, 10.60, 56.49
CIELCh	75, 57.476, 79.371
Yxy	48.7515, 0.4444, 0.4317
Android (android.graphics.Color)	4293439566 (0xFFE8B04E)
YUV	181.5720, -51.0610, 44.2254
Hunter-Lab	69.8223, 6.1048, 36.9970

Details

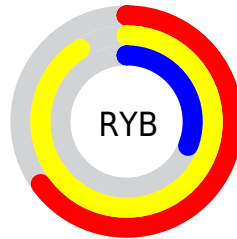
The YIQ color **181.5720, 64.8340, -18.6060** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **128.4280, -64.8340, 18.6060**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7760, 46.4040, -26.0120**, and **126.8380, 61.0290, -21.2350** is the 20% darker color. If you saturate the color by 10%, you get **174.2540, 74.4170, -21.5750**, and if you desaturate by 10%, it is **188.8900, 55.2510, -15.6370**.

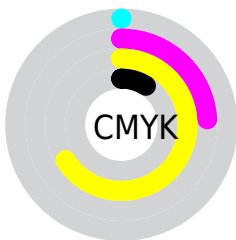
Distribution



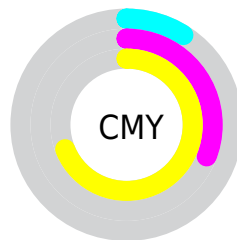
- Red (91%)
- Green (69%)
- Blue (31%)



- Red (65%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.5720, 64.8340, -18.6060 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 181.5720, 64.8340, -18.6060 by changing the saturation by 10% instead.

181.5720, 64.8340,
-18.6060

181.5720, 64.8340,
-18.6060

255.0000, -0.0000,
-0.0000

153.7890, 62.7250,
-18.9310

226.7760, 46.4040,
-26.0120

126.8380, 61.0290,
-21.2350

243.9420, 31.1370,
-30.1670

100.8700, 58.0030,
-21.4610

247.1340, 22.1490,
-21.4590

78.4100, 47.9150,
-14.8450

250.3260, 13.1610,
-12.7510

57.1240, 37.2770,
-9.2750

253.6320, 3.8520,
-3.7320

36.7240, 26.9600,
-4.0160

16.6340, 18.7060,

2.4020

■ 0.0000, 0.0000,
0.0000

■ 181.5720, 64.8340,
-18.6060

■ 181.5720, 64.8340,
-18.6060

■ 174.2540, 74.4170,
-21.5750

■ 188.8900, 55.2510,
-15.6370

■ 166.3490, 84.2750,
-24.0210

■ 196.7950, 45.3930,
-13.1910

■ 158.9170, 94.1790,
-27.3010

■ 204.2270, 35.4890,
-9.9110

■ 156.2440, 97.5720,
-28.2200

■ 212.1320, 25.6310,
-7.4650

■ 219.4500, 16.0480,
-4.4960

■ 227.3550, 6.1900,
-2.0500

■ 234.7870, -3.7140,
1.2300

■ 241.6660,
-10.6830, 0.8770

■ 246.3620,
-12.8830, -3.3070

Harmonies

Analogous

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



180.0150, 74.7330, 5.7490



181.5720, 64.8340, -18.6060



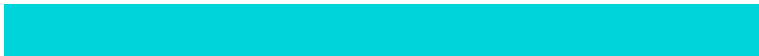
176.8290, 29.7170, -37.4750

Triad

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



181.5720, 64.8340, -18.6060



149.4100, -128.5990, -42.7670



191.1840, 12.9670, 45.8550

Complementary

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



181.5720, 64.8340, -18.6060



128.4280, -64.8340, 18.6060

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.



181.0860, -37.5080, 18.9720



181.5720, 64.8340, -18.6060



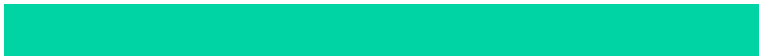
151.1660, -139.0550, -29.4790

Square

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



181.5720, 64.8340, -18.6060



142.5530, -110.6690, -59.3490



144.7090, -136.0300, -23.7260



183.1970, 46.4830, 44.1710

Rectangle

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



181.5720, 64.8340, -18.6060



172.1440, -2.1470, -43.7070



144.7090, -136.0300, -23.7260



189.0140, -1.4740, 37.7420

Sweetspot

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



181.5720, 64.8340, -18.6060



238.0330, 21.5960, -5.9240



130.5440, 73.4870, 50.3750



117.4220, 13.2510, -3.3650



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.



181.5720, 64.8340, -18.6060



188.3060, 85.8340, -24.7420



208.1650, 36.9180, -52.3460



111.2840, 4.9520, -1.6400



120.4390, 75.3340, -21.6740



34.0330, 21.5960, -5.9240

Inverse Universe

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



128.4280, -64.8340, 18.6060



117.6940, -85.8340, 24.7420



101.8350, -36.9180, 52.3460



106.7160, -4.9520, 1.6400



58.5610, -75.3340, 21.6740



16.9670, -21.5960, 5.9240

Previews

White Background



This preview shows how the YIQ color 181.5720, 64.8340, -18.6060 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 181.5720, 64.8340, -18.6060 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 181.5720, 64.8340, -18.6060

Background



This preview shows how black text looks on a background with the YIQ color 181.5720, 64.8340, -18.6060.



This preview shows how white text looks on a background with the YIQ color 181.5720, 64.8340,

-18.6060.

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

181.5720, 64.8340, -18.6060

Protanopia

180.0100, 45.6250, -28.4150

Deuteranopia

181.8600, 63.9630, -19.3410



Tritanopia

188.6080, 39.9310, 19.7310

Trichromacy



Original Color

181.5720, 64.8340, -18.6060

Protanomaly

180.2390, 52.4100, -24.7260

Deuteranomaly

181.8600, 63.9630, -19.3410

Tritanomaly

185.9550, 48.5990, 5.8070

Monochromacy



Original Color

181.5720, 64.8340, -18.6060

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.8760, 23.4760, -6.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.5720, 64.8340, -18.6060 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(232, 176, 78)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 78)  
}
```

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(232, 176, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 78) }
```

Border

The CSS property to change the border of an element to YIQ 181.5720, 64.8340, -18.6060 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(232, 176, 78) }
```


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

```
.border{ border-color:rgb(232, 176, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 78);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 181.5720, 64.8340, -18.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 78) }
```

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

```
.background{ background-color: rgb(232,  
176, 78) }
```

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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