

Converting Colors

YIQ(178.5720, 64.8340,
-18.6060)

Have a look what the booklet for
YIQ(178.5720, 64.8340, -18.6060)
contains.

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Color

**YIQ(178.5720, 64.8340,
-18.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AD4B
RGB	229, 173, 75
RGB Percent	90%, 68%, 29%
CMY	0.1019, 0.3216, 0.7055
CMYK	0.00, 0.24, 0.67, 0.10
HSL	38°, 75%, 60%
HSV	38°, 67%, 90%
XYZ	48.5309, 47.0482, 13.1952
YIQ	178.5720, 64.8340, -18.6060

Conversions

Conversions Part 2

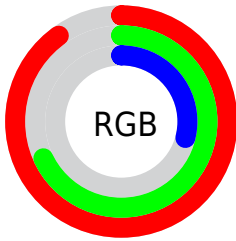
Format	Color
RYB	163, 229, 75
Decimal	15052107
CIELab	74.22, 10.75, 56.58
CIELCh	74, 57.593, 79.239
Yxy	47.0482, 0.4462, 0.4325
Android (android.graphics.Color)	4293242187 (0xFFE5AD4B)
YUV	178.5720, -51.0610, 44.2254
Hunter-Lab	68.5917, 6.2592, 36.6084

Details

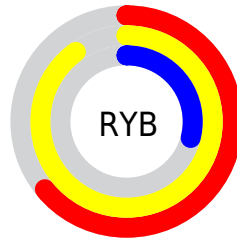
The YIQ color **178.5720, 64.8340, -18.6060** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **125.4280, -64.8340, 18.6060**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.6730, 48.1920, -25.3760**, and **124.0230, 61.9460, -21.3340** is the 20% darker color. If you saturate the color by 10%, you get **171.2540, 74.4170, -21.5750**, and if you desaturate by 10%, it is **185.8900, 55.2510, -15.6370**.

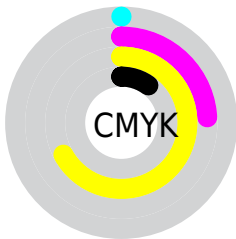
Distribution



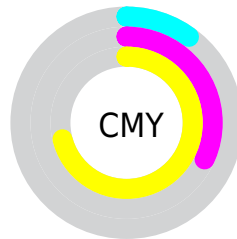
- Red (90%)
- Green (68%)
- Blue (29%)



- Red (64%)
- Yellow (90%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.5720, 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 178.5720, 64.8340, -18.6060 by changing the saturation by 10% instead.

178.5720, 64.8340,
-18.6060

178.5720, 64.8340,
-18.6060

255.0000, -0.0000,
-0.0000

150.7890, 62.7250,
-18.9310

224.6730, 48.1920,
-25.3760

124.0230, 61.9460,
-21.3340

243.6000, 32.1000,
-31.1000

98.5110, 57.6360,
-20.3160

246.7920, 23.1120,
-22.3920

76.3390, 46.6770,
-14.4350

249.9840, 14.1240,
-13.6840

54.4660, 36.3140,
-8.3420

253.2900, 4.8150,
-4.6650

34.3650, 26.5930,
-2.8710

13.6880, 18.6140,

4.0700

■ 0.0000, 0.0000,
0.0000

■ 178.5720, 64.8340,
-18.6060

■ 178.5720, 64.8340,
-18.6060

■ 171.2540, 74.4170,
-21.5750

■ 185.8900, 55.2510,
-15.6370

■ 163.3490, 84.2750,
-24.0210

■ 193.7950, 45.3930,
-13.1910

■ 156.0310, 93.8580,
-26.9900

■ 201.1130, 35.8100,
-10.2220

■ 154.1730, 96.3340,
-27.8100

■ 208.4310, 26.2270,
-7.2530

■ 216.3360, 16.3690,
-4.8070

■ 223.5400, 7.1070,
-2.1490

■ 230.8580, -2.4760,
0.8200

■ 238.4210,
-11.3710, 2.3330

■ 243.1170,
-13.5710, -1.8510

Harmonies

Analogous

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



177.9120, 76.5210, 6.3850



178.5720, 64.8340, -18.6060



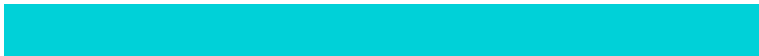
174.1280, 30.3130, -37.2630

Triad

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



178.5720, 64.8340, -18.6060



147.3070, -126.8110, -42.1310



188.1840, 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.



178.5720, 64.8340, -18.6060



125.4280, -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.



178.1290, -39.0670, 19.6930



178.5720, 64.8340, -18.6060



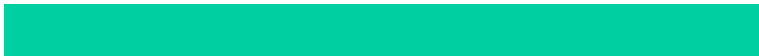
149.4050, -138.2300, -27.9100

Square

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



178.5720, 64.8340, -18.6060



140.4500, -108.8810, -58.7130



142.9480, -135.2050, -22.1570



181.0940, 48.2710, 44.8070

Rectangle

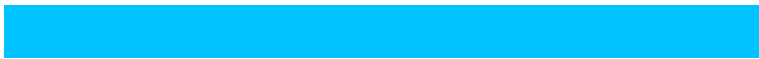
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178.5720, 64.8340, -18.6060



169.1440, -2.1470, -43.7070



142.9480, -135.2050, -22.1570



186.3560, -2.4370, 38.6750

Sweetspot

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



178.5720, 64.8340, -18.6060



238.0330, 21.5960, -5.9240



127.5440, 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.



178.5720, 64.8340, -18.6060



187.3770, 87.0720, -25.1520



205.1650, 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.



125.4280, -64.8340, 18.6060



116.2100, -87.3470, 24.6290



98.8350, -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 178.5720, 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 178.5720, 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 178.5720, 64.8340, -18.6060

Background



This preview shows how black text looks on a background with the YIQ color 178.5720, 64.8340, -18.6060.



This preview shows how white text looks on a background with the YIQ color 178.5720, 64.8340, -18.6060.

-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

178.5720, 64.8340, -18.6060

Protanopia

177.0100, 45.6250, -28.4150

Deuteranopia

178.5610, 63.3670, -19.5530



Tritanopia

185.6080, 39.9310, 19.7310

Trichromacy



Original Color

178.5720, 64.8340, -18.6060

Protanomaly

177.2390, 52.4100, -24.7260

Deuteranomaly

178.8600, 63.9630, -19.3410

Tritanomaly

182.9550, 48.5990, 5.8070

Monochromacy



Original Color

178.5720, 64.8340, -18.6060

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.8760, 23.4760, -6.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.5720, 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(229, 173, 75)` looks like.

```
.text, #text, p{  
    color:rgb(229, 173, 75)  
}
```

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(229, 173, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 173, 75) }
```

Border

The CSS property to change the border of an element to YIQ 178.5720, 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(229, 173, 75) }
```


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

```
.border{ border-color:rgb(229, 173, 75) }
```

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

Here you see how a box with a 4 pixel rgb(229, 173, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 173, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 173, 75);  
box-shadow:4px 4px 4px 4px rgb(229, 173,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 178.5720, 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(229, 173, 75) }
```

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

```
.background{ background-color: rgb(229,  
173, 75) }
```

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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