

Converting Colors

YIQ(180.0510, 56.7160, -3.6360)

Have a look what the booklet for
YIQ(180.0510, 56.7160, -3.6360)
contains.

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Color

**YIQ(180.0510, 56.7160,
-3.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A76F
RGB	232, 167, 111
RGB Percent	91%, 65%, 44%
CMY	0.0901, 0.3452, 0.5644
CMYK	0.00, 0.28, 0.52, 0.09
HSL	28°, 72%, 67%
HSV	28°, 52%, 91%
XYZ	49.9753, 45.9375, 21.2915
YIQ	180.0510, 56.7160, -3.6360

Conversions

Conversions Part 2

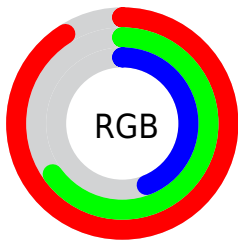
Format	Color
R _Y B	232, 215, 111
Decimal	15247215
CIE Lab	73.50, 17.76, 38.23
CIE LCh	74, 42.158, 65.080
Yxy	45.9375, 0.4264, 0.3919
Android (android.graphics.Color)	4293437295 (0xFFE8A76F)
YUV	180.0510, -34.0421, 45.5593
Hunter-Lab	67.7772, 13.0064, 28.8187

Details

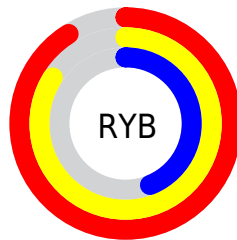
The YIQ color **180.0510, 56.7160, -3.6360** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **162.9490, -56.7160, 3.6360**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.2550, 38.2860, -11.0420**, and **126.3000, 51.5810, -4.1870** is the 20% darker color. If you saturate the color by 10%, you get **170.3850, 67.3990, -4.5130**, and if you desaturate by 10%, it is **189.7170, 46.0330, -2.7590**.

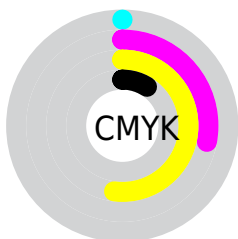
Distribution



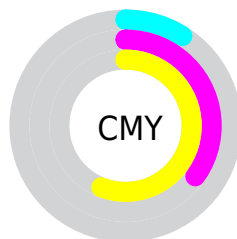
- Red (91%)
- Green (65%)
- Blue (44%)



- Red (91%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (52%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.0510, 56.7160, -3.6360 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 180.0510, 56.7160, -3.6360 by changing the saturation by 10% instead.

180.0510, 56.7160,
-3.6360

180.0510, 56.7160,
-3.6360

255.0000, -0.0000,
-0.0000

152.9690, 54.0110,
-4.1730

225.2550, 38.2860,
-11.0420

126.3000, 51.5810,
-4.1870

245.3560, 21.6440,
-17.8120

100.5170, 49.4720,
-4.5120

250.8960, 11.5560,
-11.1960

75.9080, 46.8130,
-5.8830

254.2020, 2.2470,
-2.1770

52.7380, 41.5400,
-3.9320

32.3380, 31.2230,
1.3270

11.6610, 23.2440,

8.2680

■ 0.0000, 0.0000,
0.0000

■ 180.0510, 56.7160,
-3.6360

■ 180.0510, 56.7160,
-3.6360

■ 170.3850, 67.3990,
-4.5130

■ 189.7170, 46.0330,
-2.7590

■ 160.1320, 78.3570,
-4.8670

■ 199.9700, 35.0750,
-2.4050

■ 150.3520, 89.3610,
-6.0550

■ 209.7500, 24.0710,
-1.2170

■ 140.0990,
100.3190, -6.4090

■ 220.0030, 13.1130,
-0.8630

■ 132.1770,
108.8470, -6.7770

■ 229.6690, 2.4300,
0.0140

■ 239.9220, -8.5280,
0.3680

■ 247.5360,
-13.4330, -4.3530

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



182.0650, 63.2690, 15.2770



180.0510, 56.7160, -3.6360



176.7890, 36.3620, -20.2300

Triad

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



180.0510, 56.7160, -3.6360



152.9450, -87.5650, -37.5250



184.1390, -9.4960, 28.9360

Complementary

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



180.0510, 56.7160, -3.6360



162.9490, -56.7160, 3.6360

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.



175.9700, -52.0410, 12.5270



180.0510, 56.7160, -3.6360



142.9360, -126.9040, -34.9360

Square

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



180.0510, 56.7160, -3.6360



165.8740, -36.0770, -34.5170



158.2360, -100.5450, -11.5290



185.3470, 28.1450, 35.0970

Rectangle

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



180.0510, 56.7160, -3.6360



174.2100, 15.8230, -27.9610



158.2360, -100.5450, -11.5290



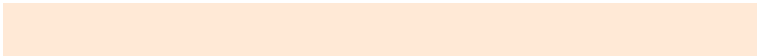
182.4900, -23.8460, 24.6820

Sweetspot

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



180.0510, 56.7160, -3.6360



237.4120, 19.2110, -1.2450



154.8170, 50.6090, 46.4890



116.9320, 11.8750, -0.4530



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.



180.0510, 56.7160, -3.6360



186.1640, 75.3310, -5.0930



214.6840, 40.4910, -34.4930



110.1100, 5.5020, -0.5940



102.2420, 83.8590, -5.4610



29.3370, 23.7960, -1.7400

Inverse Universe

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



162.9490, -56.7160, 3.6360



163.4230, -75.6060, 4.5700



128.3160, -40.4910, 34.4930



107.8900, -5.5020, 0.5940



76.7580, -83.8590, 5.4610



21.6630, -23.7960, 1.7400

Previews

White Background



This preview shows how the YIQ color 180.0510, 56.7160, -3.6360 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 180.0510, 56.7160, -3.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

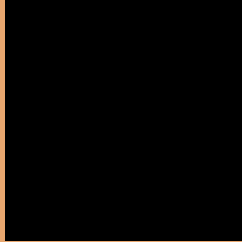
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0510, 56.7160, -3.6360

Background



This preview shows how black text looks on a background with the YIQ color 180.0510, 56.7160, -3.6360.



This preview shows how white text looks on a background with the YIQ color 180.0510, 56.7160,

-3.6360.

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

180.0510, 56.7160, -3.6360

Protanopia

178.3740, 30.4010, -16.8230

Deuteranopia

179.5720, 47.6390, -9.8410



Tritanopia

183.6900, 42.6360, 20.2680

Trichromacy



Original Color

180.0510, 56.7160, -3.6360

Protanomaly

179.0980, 40.1660, -12.0740

Deuteranomaly

179.8930, 51.1690, -7.7350

Tritanomaly

182.3450, 47.6810, 11.4330

Monochromacy



Original Color

180.0510, 56.7160, -3.6360

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.8960, 20.7240, -1.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0510, 56.7160, -3.6360 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, 167, 111)` looks like.

```
.text, #text, p{  
    color:rgb(232, 167, 111)  
}
```

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, 167, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 167, 111) }
```

Border

The CSS property to change the border of an element to YIQ 180.0510, 56.7160, -3.6360 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, 167, 111) }
```


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

```
.border{ border-color:rgb(232, 167, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 167, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 167, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 167, 111);  
box-shadow:4px 4px 4px 4px rgb(232, 167,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0510, 56.7160, -3.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 167, 111) }
```

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

```
.background{ background-color: rgb(232,  
167, 111) }
```

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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