

Converting Colors

YIQ(188.2060, 49.1500, 1.3260)

Have a look what the booklet for
YIQ(188.2060, 49.1500, 1.3260)
contains.

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Color

**YIQ(188.2060, 49.1500,
1.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	ECAE88
RGB	236, 174, 136
RGB Percent	93%, 68%, 53%
CMY	0.0744, 0.3177, 0.4664
CMYK	0.00, 0.26, 0.42, 0.07
HSL	23°, 72%, 73%
HSV	23°, 42%, 93%
XYZ	54.1816, 49.8795, 30.0859
YIQ	188.2060, 49.1500, 1.3260

Conversions

Conversions Part 2

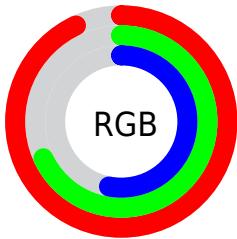
Format	Color
R _Y B	236, 197, 136
Decimal	15511176
CIE Lab	76.00, 18.05, 28.35
CIE LCh	76, 33.604, 57.515
Yxy	49.8795, 0.4039, 0.3718
Android (android.graphics.Color)	4293701256 (0xFFECAE88)
YUV	188.2060, -25.7376, 41.9153
Hunter-Lab	70.6254, 13.3451, 24.1807

Details

The YIQ color **188.2060, 49.1500, 1.3260** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **183.7940, -49.1500, -1.3260**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9150, 27.7400, -7.1400**, and **134.0530, 45.2070, 1.1990** is the 20% darker color. If you saturate the color by 10%, you get **176.6650, 60.9790, 1.7070**, and if you desaturate by 10%, it is **199.7470, 37.3210, 0.9450**.

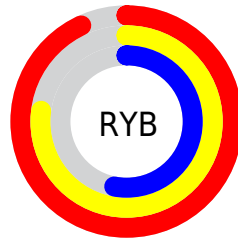
Distribution



Red (93%)

Green (68%)

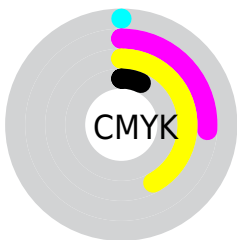
Blue (53%)



Red (93%)

Yellow (77%)

Blue (53%)

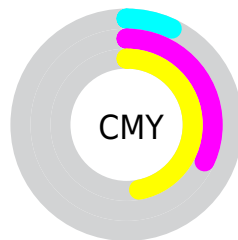


Cyan (0%)

Magenta (26%)

Yellow (42%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2060, 49.1500, 1.3260 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 188.2060, 49.1500, 1.3260 by changing the saturation by 10% instead.


 188.2060, 49.1500,
1.3260


 188.2060, 49.1500,
1.3260


255.0000, -0.0000,
-0.0000

 160.7220, 47.6370,
1.2130


 232.9150, 27.7400,
-7.1400


 134.0530, 45.2070,
1.1990


 250.7820, 11.8770,
-11.5070

 108.2700, 43.0980,
0.8740

 253.9740, 2.8890,
-2.7990

 83.3020, 40.0720,
0.6480

 59.8070, 37.0920,
-0.4120

 37.3660, 34.0200,
0.1960

 16.6780, 24.5740,

6.1900

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 188.2060, 49.1500,
1.3260

■ 188.2060, 49.1500,
1.3260

■ 176.6650, 60.9790,
1.7070

■ 199.7470, 37.3210,
0.9450

■ 165.8250, 72.2120,
1.8760

■ 210.5870, 26.0880,
0.7760

■ 154.2840, 84.0410,
2.2570

■ 222.1280, 14.2590,
0.3950

■ 142.8570, 95.5490,
2.9490

■ 233.5550, 2.7510,
-0.2970

■ 131.9030,
107.1030, 2.8070

■ 244.5090, -8.8030,
-0.1550

■ 123.3940,
115.9060, 2.9620

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



190.1330, 51.3940, 15.7300



188.2060, 49.1500, 1.3260



185.9340, 34.7560, -13.1480

Triad

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



188.2060, 49.1500, 1.3260



172.7170, -51.3920, -26.7840



189.4600, -15.1340, 20.9780

Complementary

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



188.2060, 49.1500, 1.3260



183.7940, -49.1500, -1.3260

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.



182.9610, -47.8220, 7.6500



188.2060, 49.1500, 1.3260



169.6730, -74.4550, -21.8070

Square

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



188.2060, 49.1500, 1.3260



178.1860, -19.1600, -27.2240



173.6600, -72.4400, -8.7600



191.9600, 15.8130, 27.3090

Rectangle

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



188.2060, 49.1500, 1.3260



183.5190, 19.6270, -19.8050



173.6600, -72.4400, -8.7600



187.7790, -26.4580, 16.9500

Sweetspot

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



188.2060, 49.1500, 1.3260



238.9110, 16.3680, 0.7200



173.0820, 39.3770, 40.7930



117.9750, 10.3160, 0.2680



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.



188.2060, 49.1500, 1.3260



192.6330, 64.0050, 1.9330



216.9690, 35.6750, -24.3010



111.6370, 5.4560, 0.2400



94.6220, 88.9010, 2.2850



27.8860, 26.6840, 0.9880

Inverse Universe

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



183.7940, -49.1500, -1.3260



187.3670, -64.0050, -1.9330



155.0310, -35.6750, 24.3010



111.3630, -5.4560, -0.2400



86.3780, -88.9010, -2.2850



25.5270, -26.4090, -0.4650

Previews

White Background



This preview shows how the YIQ color 188.2060, 49.1500, 1.3260 looks on a white background.

Color Contrast Check

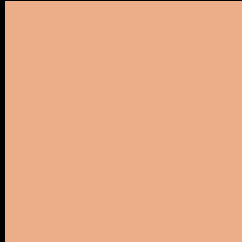
Large Text (above 18pt) WCAG AA × Fail

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 188.2060, 49.1500, 1.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

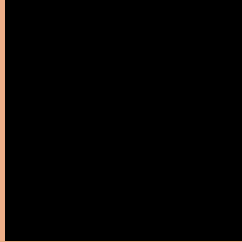
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2060, 49.1500, 1.3260

Background



This preview shows how black text looks on a background with the YIQ color 188.2060, 49.1500, 1.3260.



This preview shows how white text looks on a background with the YIQ color 188.2060, 49.1500,

1.3260.

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

188.2060, 49.1500, 1.3260

Protanopia

186.0560, 22.7890, -11.0270

Deuteranopia

187.7270, 40.0730, -4.8790



Tritanopia

191.0100, 38.7390, 19.3070

Trichromacy



Original Color

188.2060, 49.1500, 1.3260

Protanomaly

186.7800, 32.5540, -6.2780

Deuteranomaly

188.0480, 43.6030, -2.7730

Tritanomaly

190.0610, 42.7290, 13.0730

Monochromacy



Original Color

188.2060, 49.1500, 1.3260

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9820, 17.6060, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2060, 49.1500, 1.3260 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(236, 174, 136)` looks like.

```
.text, #text, p{  
    color:rgb(236, 174, 136)  
}
```

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(236, 174, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 174, 136) }
```

Border

The CSS property to change the border of an element to YIQ 188.2060, 49.1500, 1.3260 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(236, 174, 136) }
```


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

```
.border{ border-color:rgb(236, 174, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 174, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 174, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 174, 136);  
box-shadow:4px 4px 4px 4px rgb(236, 174,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2060, 49.1500, 1.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 174, 136) }
```

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

```
.background{ background-color: rgb(236,  
174, 136) }
```

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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