

Converting Colors

YIQ(188.4250, 52.7270, -2.9290)

Have a look what the booklet for
YIQ(188.4250, 52.7270, -2.9290)
contains.

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Color

**YIQ(188.4250, 52.7270,
-2.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB07D
RGB	237, 176, 125
RGB Percent	93%, 69%, 49%
CMY	0.0705, 0.3099, 0.5095
CMYK	0.00, 0.26, 0.47, 0.07
HSL	27°, 76%, 71%
HSV	27°, 47%, 93%
XYZ	54.1607, 50.5324, 26.3224
YIQ	188.4250, 52.7270, -2.9290

Conversions

Conversions Part 2

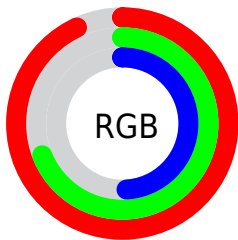
Format	Color
R _Y B	237, 219, 125
Decimal	15577213
CIE Lab	76.39, 16.27, 34.71
CIE LCh	76, 38.336, 64.883
Yxy	50.5324, 0.4134, 0.3857
Android (android.graphics.Color)	4293767293 (0xFFEDB07D)
YUV	188.4250, -31.2685, 42.6003
Hunter-Lab	71.0861, 11.5990, 27.8058

Details

The YIQ color **188.4250, 52.7270, -2.9290** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **173.5750, -52.7270, 2.9290**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.7210, 31.0420, -11.9180**, and **134.2720, 48.7840, -3.0560** is the 20% darker color. If you saturate the color by 10%, you get **178.0580, 64.0060, -3.5940**, and if you desaturate by 10%, it is **198.7920, 41.4480, -2.2640**.

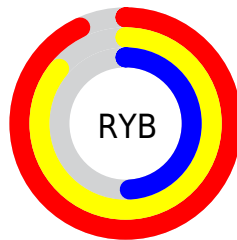
Distribution



Red (93%)

Green (69%)

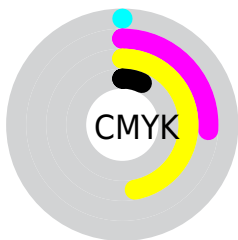
Blue (49%)



Red (93%)

Yellow (86%)

Blue (49%)

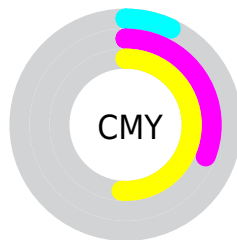


Cyan (0%)

Magenta (26%)

Yellow (47%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.4250, 52.7270, -2.9290 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 188.4250, 52.7270, -2.9290 by changing the saturation by 10% instead.


 188.4250, 52.7270,
-2.9290


 188.4250, 52.7270,
-2.9290


255.0000, -0.0000,
-0.0000


 161.0550, 50.8930,
-2.7310


 232.7210, 31.0420,
-11.9180


 134.2720, 48.7840,
-3.0560


 249.4140, 15.7290,
-15.2390

 108.3040, 45.7580,
-3.2820

 252.6060, 6.7410,
-6.5310

 83.5210, 43.6490,
-3.6070

 59.3850, 41.0360,
-5.8120

 38.2410, 32.8740,
-1.0620

 18.1400, 23.1530,

4.4090

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 188.4250, 52.7270,
-2.9290

■ 188.4250, 52.7270,
-2.9290

■ 178.0580, 64.0060,
-3.5940

■ 198.7920, 41.4480,
-2.2640

■ 167.8050, 74.9640,
-3.9480

■ 209.0450, 30.4900,
-1.9100

■ 157.4380, 86.2430,
-4.6130

■ 219.4120, 19.2110,
-1.2450

■ 147.0710, 97.5220,
-5.2780

■ 229.7790, 7.9320,
-0.5800

■ 136.8180,
108.4800, -5.6320

■ 240.1460, -3.3470,
0.0850

■ 134.2590,
111.5520, -6.2400

■ 249.0310,
-10.4530, -3.2930

■ 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.



190.2000, 58.4550, 14.4150



188.4250, 52.7270, -2.9290



185.5870, 34.1150, -18.0530

Triad

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



188.4250, 52.7270, -2.9290



168.3170, -70.8770, -31.5890



191.8570, -8.7620, 26.6460

Complementary

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



188.4250, 52.7270, -2.9290



173.5750, -52.7270, 2.9290

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.



184.8520, -45.8970, 11.3110



188.4250, 52.7270, -2.9290



162.7610, -98.2500, -25.5940

Square

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



188.4250, 52.7270, -2.9290



175.9070, -31.6760, -31.6760



172.7390, -82.8480, -7.3600



193.5700, 25.8990, 31.7470

Rectangle

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



188.4250, 52.7270, -2.9290



182.9050, 15.3640, -25.1480



172.7390, -82.8480, -7.3600



190.6920, -21.5990, 22.5050

Sweetspot

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



188.4250, 52.7270, -2.9290



239.7430, 16.7810, -1.2590



165.5560, 46.8500, 43.0260



118.4480, 10.3620, -0.5660



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.



188.4250, 52.7270, -2.9290



192.0970, 68.2700, -3.7780



220.7100, 37.6020, -31.6940



112.2240, 5.1810, -0.2830



102.2530, 85.3260, -4.5140



30.2340, 25.5840, -1.1040

Inverse Universe

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



173.5750, -52.7270, 2.9290



172.9030, -68.2700, 3.7780



141.2900, -37.6020, 31.6940



110.7760, -5.1810, 0.2830



78.7470, -85.3260, 4.5140



23.1790, -25.3090, 1.6270

Previews

White Background



This preview shows how the YIQ color 188.4250, 52.7270, -2.9290 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 188.4250, 52.7270, -2.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

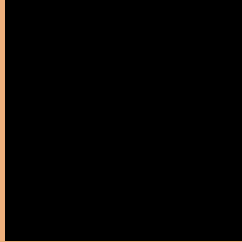
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.4250, 52.7270, -2.9290

Background



This preview shows how black text looks on a background with the YIQ color 188.4250, 52.7270, -2.9290.



This preview shows how white text looks on a background with the YIQ color 188.4250, 52.7270,

-2.9290.

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

188.4250, 52.7270, -2.9290

Protanopia

186.7590, 27.8790, -15.1690

Deuteranopia

187.6690, 45.9880, -7.4520



Tritanopia

192.3090, 39.3350, 19.5190

Trichromacy



Original Color

188.4250, 52.7270, -2.9290

Protanomaly

187.1840, 37.0480, -10.6320

Deuteranomaly

188.2780, 48.6470, -6.0810

Tritanomaly

191.0780, 44.0590, 10.9950

Monochromacy



Original Color

188.4250, 52.7270, -2.9290

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.4120, 19.2110, -1.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4250, 52.7270, -2.9290 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, 176, 125)` looks like.

```
.text, #text, p{  
    color:rgb(237, 176, 125)  
}
```

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, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 176, 125) }
```

Border

The CSS property to change the border of an element to YIQ 188.4250, 52.7270, -2.9290 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, 176, 125) }
```


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

```
.border{ border-color:rgb(237, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(237, 176,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4250, 52.7270, -2.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 176, 125) }
```

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

```
.background{ background-color: rgb(237,  
176, 125) }
```

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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