

Converting Colors

YIQ(189.3230, 52.7740, -9.2900)

Have a look what the booklet for
YIQ(189.3230, 52.7740, -9.2900)
contains.

YIQ(189.3230, 52.7740, -9.2900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.3230, 52.7740,
-9.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB573
RGB	234, 181, 115
RGB Percent	92%, 71%, 45%
CMY	0.0823, 0.2903, 0.5488
CMYK	0.00, 0.23, 0.51, 0.08
HSL	33°, 74%, 68%
HSV	33°, 51%, 92%
XYZ	53.5565, 51.7740, 23.4104
YIQ	189.3230, 52.7740, -9.2900

Conversions

Conversions Part 2

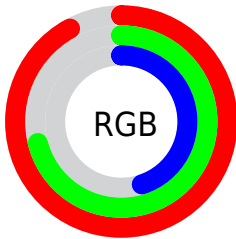
Format	Color
R _Y B	211, 234, 115
Decimal	15381875
CIE Lab	77.15, 11.49, 40.78
CIE LCh	77, 42.368, 74.265
Yxy	51.7740, 0.4160, 0.4022
Android (android.graphics.Color)	4293571955 (0xFFEAB573)
YUV	189.3230, -36.6412, 39.1817
Hunter-Lab	71.9542, 6.9401, 31.0779

Details

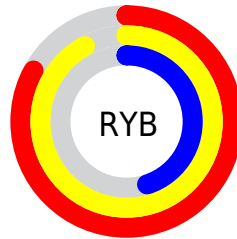
The YIQ color **189.3230, 52.7740, -9.2900** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **159.6770, -52.7740, 9.2900**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.5160, 32.8770, -17.6430**, and **135.1700, 48.8310, -9.4170** is the 20% darker color. If you saturate the color by 10%, you get **180.8310, 62.9070, -11.2130**, and if you desaturate by 10%, it is **197.8150, 42.6410, -7.3670**.

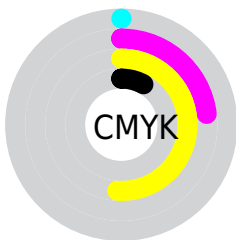
Distribution



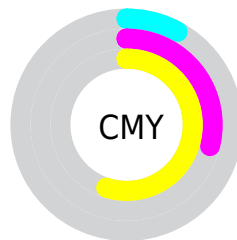
- Red (92%)
- Green (71%)
- Blue (45%)



- Red (83%)
- Yellow (92%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.3230, 52.7740, -9.2900 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 189.3230, 52.7740, -9.2900 by changing the saturation by 10% instead.


 189.3230, 52.7740,
-9.2900


 189.3230, 52.7740,
-9.2900


255.0000, -0.0000,
-0.0000


 161.9530, 50.9400,
-9.0920


 234.5160, 32.8770,
-17.6430

 135.1700, 48.8310,
-9.4170


 248.2740, 18.9390,
-18.3490


 109.0880, 46.1260,
-9.9540

 251.4660, 9.9510,
-9.6410

 84.0770, 44.6590,
-10.9010

254.7720, 0.6420,
-0.6220

 60.6790, 40.0280,
-9.5720

 40.2790, 29.7110,
-4.3130

 21.0640, 20.3110,

0.8470

■ 0.0000, 0.0000,
0.0000

■ 189.3230, 52.7740,
-9.2900

■ 189.3230, 52.7740,
-9.2900

■ 180.8310, 62.9070,
-11.2130

■ 197.8150, 42.6410,
-7.3670

■ 171.6380, 73.6360,
-12.9240

■ 207.0080, 31.9120,
-5.6560

■ 163.1460, 83.7690,
-14.8470

■ 215.5000, 21.7790,
-3.7330

■ 153.9530, 94.4980,
-16.5580

■ 224.6930, 11.0500,
-2.0220

■ 146.2760,
103.7140, -18.3820

■ 233.1850, 0.9170,
-0.0990

■ 242.2640, -9.4910,
1.3010

■ 248.1340,
-12.2410, -3.9290

■ 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



190.4790, 61.8030, 8.8030



189.3230, 52.7740, -9.2900



185.9620, 28.3850, -24.3430

Triad

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



189.3230, 52.7740, -9.2900



158.6320, -102.7410, -37.8210



195.1900, 3.6620, 32.7660

Complementary

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



189.3230, 52.7740, -9.2900



159.6770, -52.7740, 9.2900

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.



188.4620, -35.8110, 15.7490



189.3230, 52.7740, -9.2900



149.9120, -135.5240, -32.9000

Square

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



189.3230, 52.7740, -9.2900



173.2190, -50.2900, -35.7460



174.5760, -80.8310, -5.3670



195.3220, 38.4610, 35.3650

Rectangle

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



189.3230, 52.7740, -9.2900



182.6540, 5.6450, -30.7310



174.5760, -80.8310, -5.3670



193.9540, -10.4130, 29.0350

Sweetspot

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



189.3230, 52.7740, -9.2900



240.6890, 16.8730, -2.9270



156.7370, 53.5900, 42.0220



118.9210, 10.4080, -1.4000



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.



189.3230, 52.7740, -9.2900



196.7130, 69.0510, -12.4290



218.6400, 34.6230, -38.2810



112.8110, 4.9060, -0.8060



112.8190, 80.3760, -13.9280



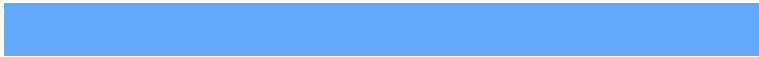
33.7560, 23.9340, -4.2420

Inverse Universe

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



159.6770, -52.7740, 9.2900



157.8740, -69.3260, 11.9060



130.3600, -34.6230, 38.2810



110.1890, -4.9060, 0.8060



68.1810, -80.3760, 13.9280



20.2440, -23.9340, 4.2420

Previews

White Background



This preview shows how the YIQ color 189.3230, 52.7740, -9.2900 looks on a white background.

Color Contrast Check

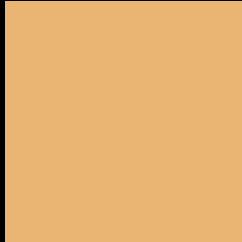
Large Text (above 18pt) WCAG AA × Fail

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 189.3230, 52.7740, -9.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

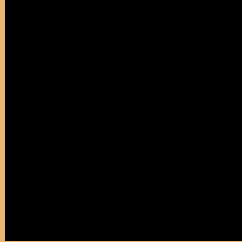
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.3230, 52.7740, -9.2900

Background



This preview shows how black text looks on a background with the YIQ color 189.3230, 52.7740, -9.2900.



This preview shows how white text looks on a background with the YIQ color 189.3230, 52.7740,

-9.2900.

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

189.3230, 52.7740, -9.2900

Protanopia

187.8750, 33.2440, -18.7880

Deuteranopia

189.0130, 50.7110, -10.4490



Tritanopia

193.9280, 36.0340, 18.7700

Trichromacy



Original Color

189.3230, 52.7740, -9.2900

Protanomaly

188.1040, 40.0290, -15.0990

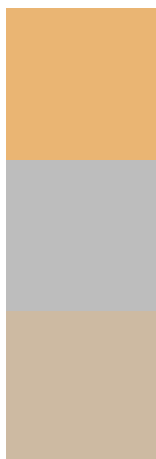
Deuteranomaly

189.3120, 51.3070, -10.2370

Tritanomaly

192.1270, 42.3630, 8.6910

Monochromacy



Original Color

189.3230, 52.7740, -9.2900

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9450, 19.0280, -3.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3230, 52.7740, -9.2900 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(234, 181, 115)` looks like.

```
.text, #text, p{  
    color:rgb(234, 181, 115)  
}
```

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(234, 181, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 181, 115) }
```

Border

The CSS property to change the border of an element to YIQ 189.3230, 52.7740, -9.2900 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(234, 181, 115) }
```


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

```
.border{ border-color:rgb(234, 181, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 181, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 181, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 181, 115);  
box-shadow:4px 4px 4px 4px rgb(234, 181,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3230, 52.7740, -9.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 181, 115) }
```

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

```
.background{ background-color: rgb(234,  
181, 115) }
```

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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