

Converting Colors

YIQ(198.3330, 29.6190, -2.6450)

Have a look what the booklet for
YIQ(198.3330, 29.6190, -2.6450)
contains.

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Color

**YIQ(198.3330, 29.6190,
-2.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C0A1
RGB	225, 192, 161
RGB Percent	88%, 75%, 63%
CMY	0.1176, 0.2471, 0.3685
CMYK	0.00, 0.15, 0.28, 0.12
HSL	29°, 52%, 76%
HSV	29°, 28%, 88%
XYZ	56.3388, 56.2776, 41.6282
YIQ	198.3330, 29.6190, -2.6450

Conversions

Conversions Part 2

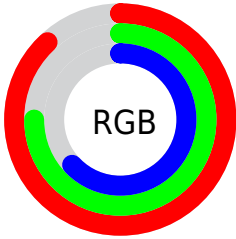
Format	Color
R _Y B	225, 221, 161
Decimal	14794913
CIE Lab	79.77, 7.20, 19.97
CIE LCh	80, 21.225, 70.166
Yxy	56.2776, 0.3653, 0.3649
Android (android.graphics.Color)	4292984993 (0xFFE1C0A1)
YUV	198.3330, -18.4052, 23.3870
Hunter-Lab	75.0184, 2.7713, 19.6125

Details

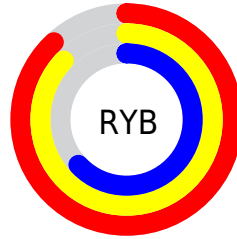
The YIQ color **198.3330, 29.6190, -2.6450** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **187.6670, -29.6190, 2.6450**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.4450, 14.4440, -8.4680**, and **144.5500, 27.5100, -2.9700** is the 20% darker color. If you saturate the color by 10%, you get **188.7810, 39.9810, -3.2110**, and if you desaturate by 10%, it is **207.9990, 18.9360, -1.7680**.

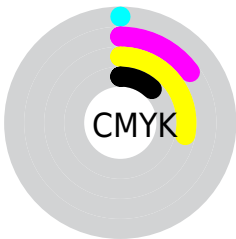
Distribution



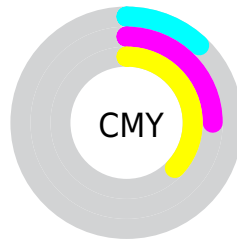
- Red (88%)
- Green (75%)
- Blue (63%)



- Red (88%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (12%)





- Cyan (12%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.3330, 29.6190, -2.6450 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 198.3330, 29.6190, -2.6450 by changing the saturation by 10% instead.


 198.3330, 29.6190,
-2.6450


 198.3330, 29.6190,
-2.6450


255.0000, -0.0000,
-0.0000


 171.1480, 28.7020,
-2.5460


 246.4450, 14.4440,
-8.4680


 144.5500, 27.5100,
-2.9700

 253.7460, 3.5310,
-3.4210

 118.4790, 26.2720,
-2.5600

 93.8810, 25.0800,
-2.9840

 69.5110, 23.2460,
-2.7860

 46.7280, 21.1370,
-3.1110

 26.3580, 19.3030,

-2.9130

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 198.3330, 29.6190,
-2.6450

■ 198.3330, 29.6190,
-2.6450

■ 188.7810, 39.9810,
-3.2110

■ 207.9990, 18.9360,
-1.7680

■ 179.7020, 50.3890,
-4.6110

■ 216.9640, 8.8490,
-0.6790

■ 170.1500, 60.7510,
-5.1770

■ 226.6300, -1.8340,
0.1980

■ 161.0710, 71.1590,
-6.5770

■ 235.5950,
-11.9210, 1.2870

■ 151.5190, 81.5210,
-7.1430

■ 243.0950,
-16.5050, -3.7450

■ 141.8530, 92.2040,
-8.0200

■ 246.0300,
-17.8800, -6.3600

■ 132.8880,
102.2910, -9.1090

■ 131.2580,
104.1250, -9.3070

Harmonies

Analogous

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



199.7670, 34.5690, 6.7690



198.3330, 29.6190, -2.6450



196.5330, 17.0120, -10.9560

Triad

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



198.3330, 29.6190, -2.6450



189.8920, -35.3470, -14.6990



200.3120, -0.2780, 16.0580

Complementary

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



198.3330, 29.6190, -2.6450



187.6670, -29.6190, 2.6450

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.



197.5590, -20.2670, 9.3730



198.3330, 29.6190, -2.6450



190.7590, -42.0420, -9.0020

Square

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



198.3330, 29.6190, -2.6450



191.5100, -19.7120, -17.2160



193.3780, -36.1750, 0.3130



201.2340, 17.5570, 17.7250

Rectangle

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



198.3330, 29.6190, -2.6450



194.8520, 5.6880, -14.9840



193.3780, -36.1750, 0.3130



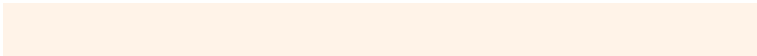
199.8380, -7.7510, 13.8250

Sweetspot

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



198.3330, 29.6190, -2.6450



245.3340, 10.6830, -0.8770



183.8980, 27.5510, 23.8310



121.5940, 7.0150, -0.4810



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.



198.3330, 29.6190, -2.6450



218.6670, 40.3020, -3.5220



217.1170, 20.8190, -19.3810



107.2240, 5.1810, -0.2830



102.5190, 81.5210, -7.1430



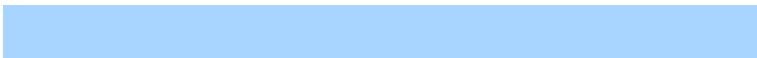
27.8530, 22.2830, -1.8530

Inverse Universe

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



187.6670, -29.6190, 2.6450



204.3330, -40.3020, 3.5220



168.8830, -20.8190, 19.3810



105.7760, -5.1810, 0.2830



73.4810, -81.5210, 7.1430



20.1470, -22.2830, 1.8530

Previews

White Background



This preview shows how the YIQ color 198.3330, 29.6190, -2.6450 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 198.3330, 29.6190, -2.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

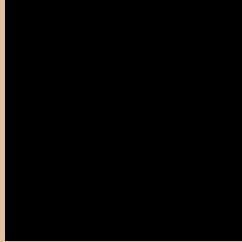
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.3330, 29.6190, -2.6450

Background



This preview shows how black text looks on a background with the YIQ color 198.3330, 29.6190, -2.6450.



This preview shows how white text looks on a background with the YIQ color 198.3330, 29.6190,

-2.6450.

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

198.3330, 29.6190, -2.6450

Protanopia

196.8260, 17.7450, -7.7190

Deuteranopia

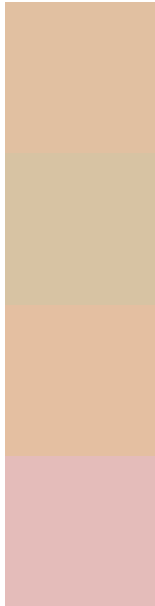
198.6540, 33.1490, -0.5390



Tritanopia

200.8660, 21.4090, 13.9930

Trichromacy



Original Color

198.3330, 29.6190, -2.6450

Protanomaly

197.3320, 22.1920, -5.7120

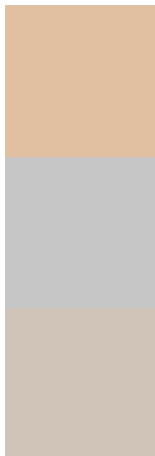
Deuteranomaly

198.6430, 31.6820, -1.4860

Tritanomaly

199.7320, 24.4820, 7.8580

Monochromacy



Original Color

198.3330, 29.6190, -2.6450

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.3340, 10.6830, -0.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3330, 29.6190, -2.6450 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(225, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(225, 192, 161)  
}
```

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(225, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 192, 161) }
```

Border

The CSS property to change the border of an element to YIQ 198.3330, 29.6190, -2.6450 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(225, 192, 161) }
```


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

```
.border{ border-color:rgb(225, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(225, 192,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3330, 29.6190, -2.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 192, 161) }
```

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

```
.background{ background-color: rgb(225,  
192, 161) }
```

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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