

Converting Colors

YIQ(201.8060, 29.6650, -3.4790)

Have a look what the booklet for
YIQ(201.8060, 29.6650, -3.4790)
contains.

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Color

**YIQ(201.8060, 29.6650,
-3.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C4A3
RGB	228, 196, 163
RGB Percent	89%, 77%, 64%
CMY	0.1058, 0.2314, 0.3606
CMYK	0.00, 0.14, 0.28, 0.11
HSL	30°, 55%, 77%
HSV	30°, 28%, 89%
XYZ	58.3504, 58.6157, 42.9061
YIQ	201.8060, 29.6650, -3.4790

Conversions

Conversions Part 2

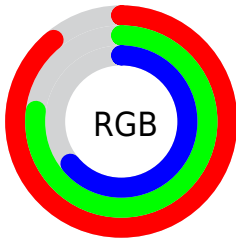
Format	Color
RYB	226, 228, 163
Decimal	14992547
CIELab	81.08, 6.50, 20.75
CIElCh	81, 21.746, 72.601
Yxy	58.6157, 0.3650, 0.3666
Android (android.graphics.Color)	4293182627 (0xFFE4C4A3)
YUV	201.8060, -19.1314, 22.9721
Hunter-Lab	76.5609, 2.0611, 20.3655

Details

The YIQ color $201.8060, 29.6650, -3.4790$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $189.1940, -29.6650, 3.4790$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6080, 12.4270, -10.4610$, and $147.4360, 27.8310, -3.2810$ is the 20% darker color. If you saturate the color by 10%, you get $192.7270, 40.0730, -4.8790$, and if you desaturate by 10%, it is $210.8850, 19.2570, -2.0790$.

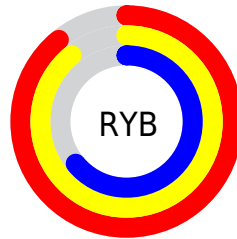
Distribution



Red (89%)

Green (77%)

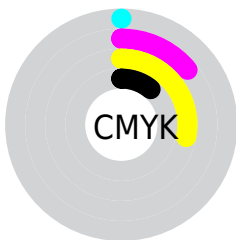
Blue (64%)



Red (89%)

Yellow (89%)

Blue (64%)

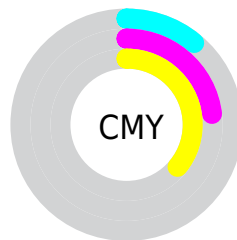


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (23%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.8060, 29.6650, -3.4790 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 201.8060, 29.6650, -3.4790 by changing the saturation by 10% instead.


 201.8060, 29.6650,
-3.4790


 201.8060, 29.6650,
-3.4790


255.0000, -0.0000,
-0.0000


 174.6210, 28.7480,
-3.3800


 249.6080, 12.4270,
-10.4610


 147.4360, 27.8310,
-3.2810

 254.0880, 2.5680,
-2.4880

 121.9520, 26.3180,
-3.3940

 96.4680, 24.8050,
-3.5070

 72.9840, 23.2920,
-3.6200

 49.6140, 21.4580,
-3.4220

 28.7170, 19.6700,

-4.0580

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,
0.0000

■ 201.8060, 29.6650,
-3.4790

■ 201.8060, 29.6650,
-3.4790

■ 192.7270, 40.0730,
-4.8790

■ 210.8850, 19.2570,
-2.0790

■ 183.6480, 50.4810,
-6.2790

■ 219.9640, 8.8490,
-0.6790

■ 174.0960, 60.8430,
-6.8450

■ 229.5160, -1.5130,
-0.1130

■ 165.0170, 71.2510,
-8.2450

■ 238.5950,
-11.9210, 1.2870

■ 155.9380, 81.6590,
-9.6450

■ 245.1660,
-15.2670, -4.1550

■ 146.8590, 92.0670,
-11.0450

■ 246.9270,
-16.0920, -5.7240

■ 137.1930,
102.7500, -11.9220

■ 136.2640,
103.9880, -12.3320

Harmonies

Analogous

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



203.5390, 35.2110, 6.1470



201.8060, 29.6650, -3.4790



199.8210, 16.1410, -11.6910

Triad

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



201.8060, 29.6650, -3.4790



193.1090, -37.4560, -15.0240



204.2090, 1.5100, 16.6940

Complementary

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



201.8060, 29.6650, -3.4790



189.1940, -29.6650, 3.4790

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.



201.3850, -19.7170, 10.4190



201.8060, 29.6650, -3.4790



194.1010, -43.0050, -8.0690

Square

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



201.8060, 29.6650, -3.4790



194.7270, -21.8210, -17.5410



197.9050, -36.2210, 1.1470



205.0170, 19.6660, 18.0500

Rectangle

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



201.8060, 29.6650, -3.4790



198.2540, 4.4960, -15.4080



197.9050, -36.2210, 1.1470



203.8490, -6.2840, 14.7720

Sweetspot

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



201.8060, 29.6650, -3.4790



245.9210, 10.4080, -1.4000



186.1970, 28.1470, 24.0430



122.1810, 6.7400, -1.0040



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.



201.8060, 29.6650, -3.4790



219.8410, 39.7520, -4.5680



220.5900, 20.8650, -20.2150



110.1100, 5.5020, -0.5940



106.9380, 81.6590, -9.6450



30.5110, 23.2460, -2.7860

Inverse Universe

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



189.1940, -29.6650, 3.4790



203.1590, -39.7520, 4.5680



170.4100, -20.8650, 20.2150



107.8900, -5.5020, 0.5940



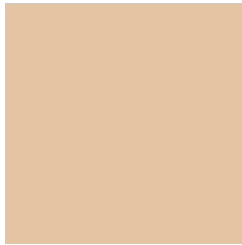
72.0620, -81.6590, 9.6450



20.4890, -23.2460, 2.7860

Previews

White Background



This preview shows how the YIQ color 201.8060, 29.6650, -3.4790 looks on a white background.

Color Contrast Check

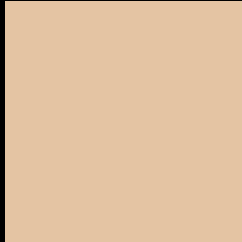
Large Text (above 18pt) WCAG AA × Fail

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 201.8060, 29.6650, -3.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

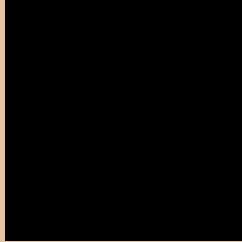
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.8060, 29.6650, -3.4790

Background



This preview shows how black text looks on a background with the YIQ color 201.8060, 29.6650, -3.4790.



This preview shows how white text looks on a background with the YIQ color 201.8060, 29.6650,

-3.4790.

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

201.8060, 29.6650, -3.4790

Protanopia

200.4840, 18.7080, -8.6520

Deuteranopia

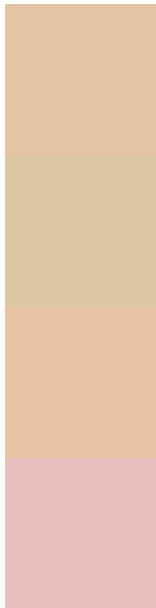
202.5400, 33.4700, -0.8500



Tritanopia

204.5670, 20.8130, 13.7810

Trichromacy



Original Color

201.8060, 29.6650, -3.4790

Protanomaly

200.6910, 22.5590, -6.8570

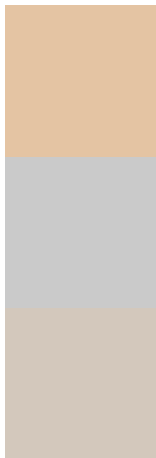
Deuteranomaly

202.5290, 32.0030, -1.7970

Tritanomaly

203.4330, 23.8860, 7.6460

Monochromacy



Original Color

201.8060, 29.6650, -3.4790

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.9210, 10.4080, -1.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.8060, 29.6650, -3.4790 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(228, 196, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 163)  
}
```

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(228, 196, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 163) }
```

Border

The CSS property to change the border of an element to YIQ 201.8060, 29.6650, -3.4790 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(228, 196, 163) }
```


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

```
.border{ border-color:rgb(228, 196, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 196, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 196, 163); box-shadow:4px 4px 4px 4px rgb(228, 196, 163) }
```

Background

The CSS property to change the background color of an element to YIQ 201.8060, 29.6650, -3.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 163) }
```

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

```
.background{ background-color: rgb(228,  
196, 163) }
```

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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