

Converting Colors

YIQ(199.8370, 28.3800, 3.2920)

Have a look what the booklet for
YIQ(199.8370, 28.3800, 3.2920)
contains.

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Color

**YIQ(199.8370, 28.3800,
3.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BEAE
RGB	229, 190, 174
RGB Percent	90%, 75%, 68%
CMY	0.1019, 0.2549, 0.3175
CMYK	0.00, 0.17, 0.24, 0.10
HSL	17°, 51%, 79%
HSV	17°, 24%, 90%
XYZ	58.3728, 56.5385, 47.8971
YIQ	199.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

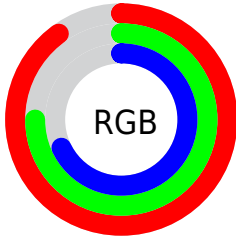
Format	Color
R _Y B	229, 197, 174
Decimal	15056558
CIE Lab	79.92, 11.56, 13.27
CIE LCh	80, 17.600, 48.945
Yxy	56.5385, 0.3585, 0.3473
Android (android.graphics.Color)	4293246638 (0xFFE5BEAE)
YUV	199.8370, -12.7376, 25.5760
Hunter-Lab	75.1921, 6.9862, 14.8669

Details

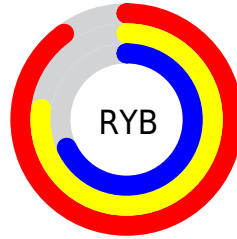
The YIQ color $199.8370, 28.3800, 3.2920$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $203.1630, -28.3800, -3.2920$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.7530, 10.8210, -3.3790$, and $146.0540, 26.2710, 2.9670$ is the 20% darker color. If you saturate the color by 10%, you get $187.8230, 40.1630, 4.5070$, and if you desaturate by 10%, it is $211.8510, 16.5970, 2.0770$.

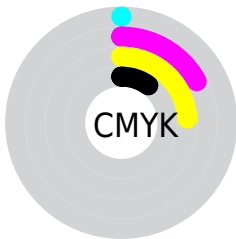
Distribution



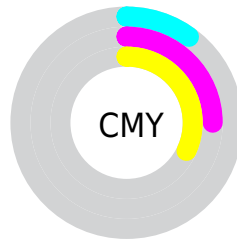
- Red (90%)
- Green (75%)
- Blue (68%)



- Red (90%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.8370, 28.3800, 3.2920 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 199.8370, 28.3800, 3.2920 by changing the saturation by 10% instead.


 199.8370, 28.3800,
3.2920


 199.8370, 28.3800,
3.2920


255.0000, -0.0000,
-0.0000


 172.5380, 27.7840,
3.0800


 246.8670, 10.5000,
-3.0680

 146.0540, 26.2710,
2.9670

 119.8690, 25.3540,
3.0660

 94.9720, 23.5660,
2.4300

 70.7870, 22.6490,
2.5290

 48.0040, 20.5400,
2.2040

 25.9500, 20.6320,

0.5360

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 199.8370, 28.3800,
3.2920

■ 199.8370, 28.3800,
3.2920

■ 187.8230, 40.1630,
4.5070

■ 211.8510, 16.5970,
2.0770

■ 175.2220, 52.2210,
6.2450

■ 224.4520, 4.5390,
0.3390

■ 163.2080, 64.0040,
7.4600

■ 236.4660, -7.2440,
-0.8760

■ 151.1940, 75.7870,
8.6750

■ 247.2260,
-15.4960, -5.5120

■ 139.2940, 87.2490,
10.2010

■ 126.6930, 99.3070,
11.9390

■ 114.6790,
111.0900, 13.1540

■ 107.2130,
118.3340, 14.0300

Harmonies

Analogous

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



200.8680, 27.0950, 10.0630



199.8370, 28.3800, 3.2920



198.2720, 22.4210, -4.3550

Triad

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



199.8370, 28.3800, 3.2920



192.6180, -19.8960, -13.8800



198.8650, -12.3810, 9.6270

Complementary

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



199.8370, 28.3800, 3.2920



203.1630, -28.3800, -3.2920

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.



195.9340, -25.9970, 3.0830



199.8370, 28.3800, 3.2920



192.4520, -30.9920, -11.0240

Square

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



199.8370, 28.3800, 3.2920



194.5180, -4.9950, -14.1070



193.4720, -33.7440, -5.2000



201.1830, 4.3990, 13.8950

Rectangle

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



199.8370, 28.3800, 3.2920



197.3310, 14.7650, -8.7790



193.4720, -33.7440, -5.2000



198.0600, -17.4240, 7.4080

Sweetspot

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



199.8370, 28.3800, 3.2920



245.3170, 9.3530, 1.2010



194.8910, 20.2610, 23.7890



122.0500, 5.7310, 0.7630



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.



199.8370, 28.3800, 3.2920



216.0400, 38.0540, 4.1820



215.6860, 20.9550, -10.8290



108.9360, 6.0520, 0.4520



84.0450, 92.3840, 10.7520



24.0540, 26.2710, 2.9670

Inverse Universe

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



203.1630, -28.3800, -3.2920



220.5470, -38.3290, -4.7050



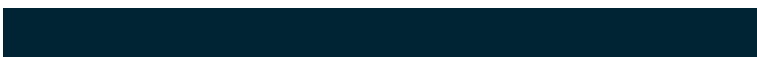
187.3140, -20.9550, 10.8290



109.0640, -6.0520, -0.4520



94.9550, -92.3840, -10.7520



26.9460, -26.2710, -2.9670

Previews

White Background



This preview shows how the YIQ color 199.8370, 28.3800, 3.2920 looks on a white background.

Color Contrast Check

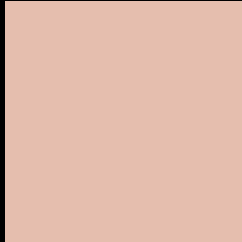
Large Text (above 18pt) WCAG AA × Fail

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 199.8370, 28.3800, 3.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

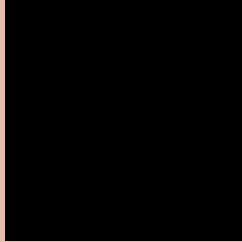
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.8370, 28.3800, 3.2920

Background



This preview shows how black text looks on a background with the YIQ color 199.8370, 28.3800, 3.2920.



This preview shows how white text looks on a background with the YIQ color 199.8370, 28.3800,

3.2920.

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

199.8370, 28.3800, 3.2920

Protanopia

198.4110, 11.7840, -4.3120

Deuteranopia

199.5270, 26.3170, 2.1330



Tritanopia

201.4640, 22.6010, 14.4170

Trichromacy



Original Color

199.8370, 28.3800, 3.2920

Protanomaly

198.9280, 17.6980, -1.3580

Deuteranomaly

199.8260, 26.9130, 2.3450

Tritanomaly

200.6120, 24.9400, 10.5720

Monochromacy



Original Color

199.8370, 28.3800, 3.2920

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9150, 10.5450, 1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8370, 28.3800, 3.2920 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(229, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 190, 174)  
}
```

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(229, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 190, 174) }
```

Border

The CSS property to change the border of an element to YIQ 199.8370, 28.3800, 3.2920 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(229, 190, 174) }
```


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

```
.border{ border-color:rgb(229, 190, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 190, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 190,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8370, 28.3800, 3.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 190, 174) }
```

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

```
.background{ background-color: rgb(229,  
190, 174) }
```

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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