

Converting Colors

YIQ(218.6380, 12.8830, 3.3070)

Have a look what the booklet for
YIQ(218.6380, 12.8830, 3.3070)
contains.

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Color

**YIQ(218.6380, 12.8830,
3.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D5D2
RGB	233, 213, 210
RGB Percent	91%, 84%, 82%
CMY	0.0862, 0.1647, 0.1764
CMYK	0.00, 0.09, 0.10, 0.09
HSL	8°, 34%, 87%
HSV	8°, 10%, 91%
XYZ	69.0348, 69.5637, 70.7703
YIQ	218.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

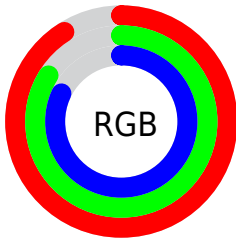
Format	Color
R _Y B	233, 213, 210
Decimal	15324626
CIE Lab	86.78, 6.42, 3.97
CIE LCh	87, 7.547, 31.705
Yxy	69.5637, 0.3297, 0.3323
Android (android.graphics.Color)	4293514706 (0xFFE9D5D2)
YUV	218.6380, -4.2585, 12.5955
Hunter-Lab	83.4048, 1.7872, 8.0749

Details

The YIQ color **218.6380, 12.8830, 3.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224.3620, -12.8830, -3.3070**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.4530, 11.9660, 3.4060** is the 20% darker color. If you saturate the color by 10%, you get **204.2760, 25.7660, 6.6140**, and if you desaturate by 10%, it is **233.0000, -0.0000, -0.0000**.

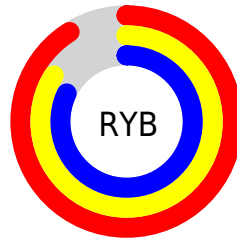
Distribution



Red (91%)

Green (84%)

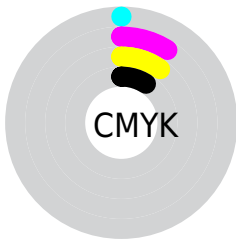
Blue (82%)



Red (91%)

Yellow (84%)

Blue (82%)

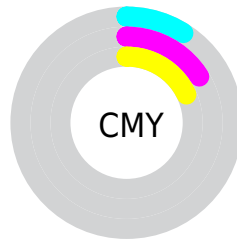


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.6380, 12.8830, 3.3070 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 218.6380, 12.8830, 3.3070 by changing the saturation by 10% instead.

■ 218.6380, 12.8830,
3.3070

■ 218.6380, 12.8830,
3.3070

255.0000, -0.0000,
-0.0000

■ 190.6380, 12.8830,
3.3070

■ 163.4530, 11.9660,
3.4060

■ 137.1540, 11.3700,
3.1940

■ 111.7410, 11.0950,
2.6710

■ 87.4420, 10.4990,
2.4590

■ 64.2570, 9.5820,
2.5580

■ 41.9580, 8.9860,

2.3460

■ 21.5450, 8.7110,
1.8230

■ 0.0000, 0.0000,
0.0000

■ 218.6380, 12.8830,
3.3070

■ 218.6380, 12.8830,
3.3070

■ 204.2760, 25.7660,
6.6140

■ 233.0000, -0.0000,
-0.0000

■ 189.2130, 39.2450,
10.1330

■ 247.8350,
-12.8370, -4.1410

■ 174.8510, 52.1280,
13.4400

■ 248.4220,
-13.1120, -4.6640

■ 160.4890, 65.0110,
16.7470

■ 146.1270, 77.8940,
20.0540

■ 131.0640, 91.3730,
23.5730

■ 116.7020,
104.2560, 26.8800

■ 102.3400,
117.1390, 30.1870

■ 87.2770, 130.6180,
33.7060

Harmonies

Analogous

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



219.1370, 10.0400, 5.2720



218.6380, 12.8830, 3.3070



218.3450, 12.1500, 0.0700

Triad

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



218.6380, 12.8830, 3.3070



215.5600, -4.8130, -6.3890



217.3890, -8.3450, 2.5590

Complementary

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



218.6380, 12.8830, 3.3070



224.3620, -12.8830, -3.3070

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.



216.0570, -13.3420, -0.4940



218.6380, 12.8830, 3.3070



215.1510, -10.9110, -6.0070

Square

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



218.6380, 12.8830, 3.3070



216.2080, 2.1100, -5.2020



215.0630, -13.4790, -3.5190



217.7920, -2.1100, 5.2020

Rectangle

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



218.6380, 12.8830, 3.3070



217.5080, 10.1330, -1.9230



215.0630, -13.4790, -3.5190



216.4920, -10.1330, 1.9230

Sweetspot

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



218.6380, 12.8830, 3.3070



249.9790, 4.4930, 1.1730



219.1570, 7.2880, 11.0960



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



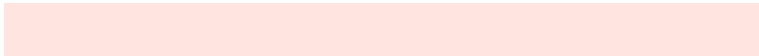
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.6380, 12.8830, 3.3070



235.6170, 17.3760, 4.4800



225.0950, 9.8580, -2.4460



109.8760, 6.2810, 1.8090



67.6200, 101.5510, 26.3430



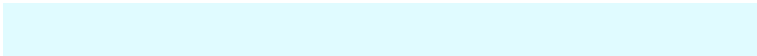
20.2550, 30.2590, 7.7870

Inverse Universe

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



224.3620, -12.8830, -3.3070



243.3830, -17.3760, -4.4800



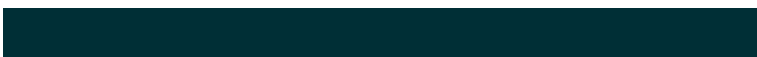
217.9050, -9.8580, 2.4460



113.1240, -6.2810, -1.8090



113.3800, -101.5510, -26.3430



33.7450, -30.2590, -7.7870

Previews

White Background



This preview shows how the YIQ color 218.6380, 12.8830, 3.3070 looks on a white background.

Color Contrast Check

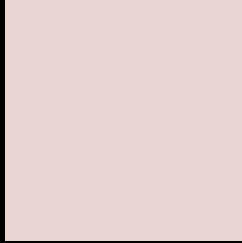
Large Text (above 18pt) WCAG AA × Fail

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 218.6380, 12.8830, 3.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

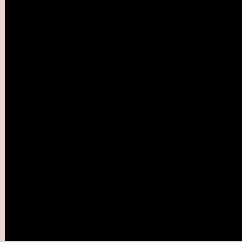
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

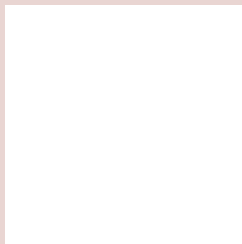
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.6380, 12.8830, 3.3070

Background



This preview shows how black text looks on a background with the YIQ color 218.6380, 12.8830, 3.3070.



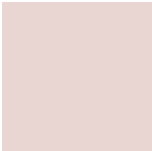
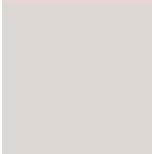

This preview shows how white text looks on a background with the YIQ color 218.6380, 12.8830,

3.3070.

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 218.6380, 12.8830, 3.3070
	Protanopia 217.3380, 4.8600, 0.0280
	Deuteranopia 219.3830, 18.1550, 6.8830



Tritanopia

219.4130, 9.4430, 10.5870

Trichromacy



Original Color

218.6380, 12.8830, 3.3070

Protanomaly

217.8330, 7.8400, 1.0880

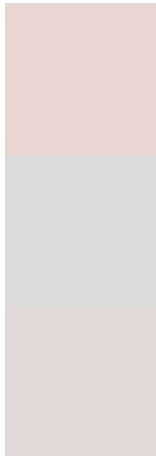
Deuteranomaly

219.0730, 16.0920, 5.7240

Tritanomaly

219.0170, 10.4980, 7.9860

Monochromacy



Original Color

218.6380, 12.8830, 3.3070

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9790, 4.4930, 1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.6380, 12.8830, 3.3070 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(233, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 210)  
}
```

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(233, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 210) }
```

Border

The CSS property to change the border of an element to YIQ 218.6380, 12.8830, 3.3070 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(233, 213, 210) }
```


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

```
.border{ border-color:rgb(233, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 218.6380, 12.8830, 3.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 210) }
```

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

```
.background{ background-color: rgb(233,  
213, 210) }
```

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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