

Converting Colors

YIQ(212.9830, 7.8380, 12.1420)

Have a look what the booklet for
YIQ(212.9830, 7.8380, 12.1420)
contains.

YIQ(212.9830, 7.8380, 12.1420)	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(212.9830, 7.8380,
12.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CBE1
RGB	228, 203, 225
RGB Percent	89%, 80%, 88%
CMY	0.1058, 0.2039, 0.1176
CMYK	0.00, 0.11, 0.01, 0.11
HSL	307°, 32%, 85%
HSV	307°, 11%, 89%
XYZ	66.9454, 64.6404, 80.1852
YIQ	212.9830, 7.8380, 12.1420

Conversions

Conversions Part 2

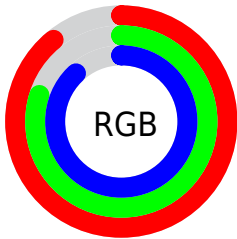
Format	Color
R_{YB}	228, 203, 225
Decimal	14994401
CIE _{Lab}	84.30, 12.55, -7.68
CIE _{LCh}	84, 14.713, 328.525
Yxy	64.6404, 0.3161, 0.3052
Android (android.graphics.Color)	4293184481 (0xFFE4CBE1)
YUV	212.9830, 5.9244, 13.1699
Hunter-Lab	80.3993, 7.9314, -2.8526

Details

The YIQ color $212.9830, 7.8380, 12.1420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.0170, -7.8380, -12.1420$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.2710, 6.9670, 11.4070$ is the 20% darker color. If you saturate the color by 10%, you get $199.1400, 15.1260, 23.2380$, and if you desaturate by 10%, it is $226.8260, 0.5500, 1.0460$.

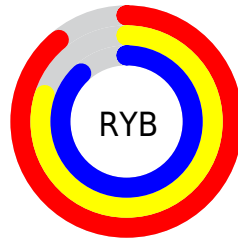
Distribution



Red (89%)

Green (80%)

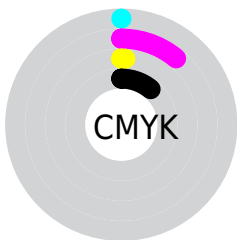
Blue (88%)



Red (89%)

Yellow (80%)

Blue (88%)

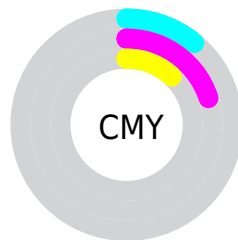


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9830, 7.8380, 12.1420 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 212.9830, 7.8380, 12.1420 by changing the saturation by 10% instead.

212.9830, 7.8380,
12.1420

212.9830, 7.8380,
12.1420

255.0000, -0.0000,
-0.0000

185.5700, 7.5630,
11.6190

158.5700, 7.5630,
11.6190

132.1570, 7.2880,
11.0960

106.8580, 6.6920,
10.8840

82.4450, 6.4170,
10.3610

59.0320, 6.1420,
9.8380

37.6190, 5.8670,

9.3150

■ 15.7440, 7.0130,
10.5730

■ 0.0000, 0.0000,
0.0000

■ 212.9830, 7.8380,
12.1420

■ 212.9830, 7.8380,
12.1420

■ 199.1400, 15.1260,
23.2380

■ 226.8260, 0.5500,
1.0460

■ 185.4110, 22.0930,
34.6450

■ 240.5550, -6.4170,
-10.3610

■ 172.1550, 29.1060,
45.2180

■ 244.4190, -9.0300,
-12.5660

■ 158.3120, 36.3940,
56.3140

■ 244.7610, -9.9930,
-11.6330

144.4690, 43.6820,
67.4100

245.1030,
-10.9560, -10.7000

130.7400, 50.6490,
78.8170

245.3310,
-11.5980, -10.0780

116.8970, 57.9370,
89.9130

245.6730,
-12.5610, -9.1450

103.6410, 64.9500,
100.4860

246.0150,
-13.5240, -8.2120

91.0860, 71.3670,
110.8470

246.3570,
-14.4870, -7.2790

Harmonies

Analogous

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



211.6870, -6.0080, 9.7680



212.9830, 7.8380, 12.1420



213.2030, 18.8420, 10.9540

Triad

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



212.9830, 7.8380, 12.1420



209.9230, 16.0940, -5.3300



205.7130, -27.2330, -7.5610

Complementary

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



212.9830, 7.8380, 12.1420



218.0170, -7.8380, -12.1420

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.



205.9000, -20.6300, -11.5900



212.9830, 7.8380, 12.1420



208.7150, 4.8160, -10.1920

Square

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



212.9830, 7.8380, 12.1420



211.6190, 23.0620, 0.5500



206.7180, -8.4340, -12.3540



207.4730, -26.3170, -2.1330

Rectangle

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



212.9830, 7.8380, 12.1420



212.7750, 22.9230, 8.5790



206.7180, -8.4340, -12.3540



205.2570, -25.9490, -8.8050

Sweetspot

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



212.9830, 7.8380, 12.1420



250.1900, 2.5210, 3.8730



206.7470, -6.2370, 8.4110



124.3640, 1.9710, 2.8270



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.



212.9830, 7.8380, 12.1420



235.1730, 10.3590, 16.0150



211.6150, 11.6900, 8.4100



107.7280, 3.9420, 5.6540



71.4190, 56.2870, 86.7750



20.3790, 15.9510, 24.8070

Inverse Universe

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



212.9830, 7.8380, 12.1420



235.1730, 10.3590, 16.0150



219.3850, -11.6900, -8.4100



107.7280, 3.9420, 5.6540



71.4190, 56.2870, 86.7750



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 212.9830, 7.8380, 12.1420 looks on a white background.

Color Contrast Check

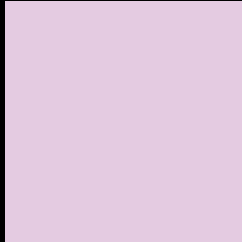
Large Text (above 18pt) WCAG AA × Fail

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 212.9830, 7.8380, 12.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

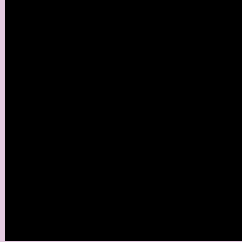
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.9830, 7.8380, 12.1420

Background



This preview shows how black text looks on a background with the YIQ color 212.9830, 7.8380, 12.1420.



This preview shows how white text looks on a background with the YIQ color 212.9830, 7.8380,

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

212.9830, 7.8380, 12.1420

Protanopia

211.2800, -6.4200, 6.2200

Deuteranopia

212.3740, 5.1790, 10.7710



Tritanopia

212.7010, 8.5720, 9.8520

Trichromacy



Original Color

212.9830, 7.8380, 12.1420

Protanomaly

212.0850, -1.3770, 8.4390

Deuteranomaly

212.6730, 5.7750, 10.9830

Tritanomaly

212.9290, 7.9300, 10.4740

Monochromacy



Original Color

212.9830, 7.8380, 12.1420

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.6030, 2.7960, 4.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9830, 7.8380, 12.1420 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, 203, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 203, 225)  
}
```

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, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 203, 225) }
```

Border

The CSS property to change the border of an element to YIQ 212.9830, 7.8380, 12.1420 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, 203, 225) }
```


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

```
.border{ border-color:rgb(228, 203, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 203, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 203, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 203, 225); box-shadow:4px 4px 4px 4px rgb(228, 203, 225) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9830, 7.8380, 12.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 203, 225) }
```

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

```
.background{ background-color: rgb(228,  
203, 225) }
```

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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