

Converting Colors

YIQ(210.5370, 12.3300, 18.8420)

Have a look what the booklet for
YIQ(210.5370, 12.3300, 18.8420)
contains.

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Color

**YIQ(210.5370, 12.3300,
18.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC3E5
RGB	234, 195, 229
RGB Percent	92%, 76%, 90%
CMY	0.0822, 0.2353, 0.1019
CMYK	0.00, 0.17, 0.02, 0.08
HSL	308°, 48%, 84%
HSV	308°, 17%, 92%
XYZ	67.5963, 62.1777, 82.5717
YIQ	210.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

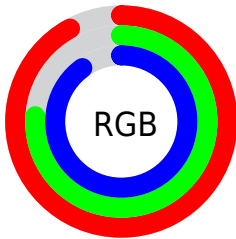
Format	Color
R_{YB}	234, 195, 229
Decimal	15385573
CIE _{Lab}	83.01, 19.55, -11.68
CIE _{LCh}	83, 22.771, 329.138
Yxy	62.1777, 0.3183, 0.2928
Android (android.graphics.Color)	4293575653 (0xFFEAC3E5)
YUV	210.5370, 9.1023, 20.5771
Hunter-Lab	78.8528, 15.0260, -6.8893

Details

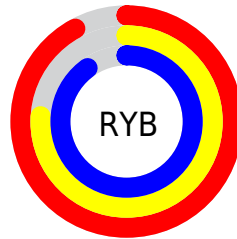
The YIQ color $210.5370, 12.3300, 18.8420$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $218.4630, -12.3300, -18.8420$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $155.8250, 11.4590, 18.1070$ is the 20% darker color. If you saturate the color by 10%, you get $196.6940, 19.6180, 29.9380$, and if you desaturate by 10%, it is $224.3800, 5.0420, 7.7460$.

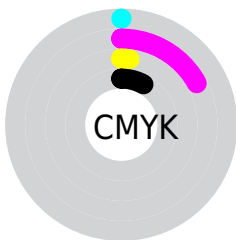
Distribution



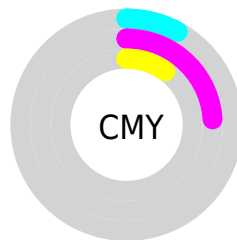
- Red (92%)
- Green (76%)
- Blue (90%)



- Red (92%)
- Yellow (76%)
- Blue (90%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5370, 12.3300, 18.8420 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 210.5370, 12.3300, 18.8420 by changing the saturation by 10% instead.

210.5370, 12.3300,
18.8420

210.5370, 12.3300,
18.8420

255.0000, -0.0000,
-0.0000

183.1240, 12.0550,
18.3190

253.2390, 0.8250,
1.5690

155.8250, 11.4590,
18.1070

129.4120, 11.1840,
17.5840

104.5860, 10.6340,
16.5380

80.1730, 10.3590,
16.0150

56.5750, 9.1670,
15.5910

34.7490, 8.6170,

14.5450

■ 12.8740, 9.7630,
15.8030

■ 0.0000, 0.0000,
0.0000

■ 210.5370, 12.3300,
18.8420

■ 210.5370, 12.3300,
18.8420

■ 196.6940, 19.6180,
29.9380

■ 224.3800, 5.0420,
7.7460

■ 182.2640, 27.1810,
41.5570

■ 238.8100, -2.5210,
-3.8730

■ 168.4210, 34.4690,
52.6530

■ 246.7830, -7.0590,
-9.7390

■ 153.9910, 42.0320,
64.2720

■ 247.1250, -8.0220,
-8.8060

140.1480, 49.3200,
75.3680

247.4670, -8.9850,
-7.8730

126.3050, 56.6080,
86.4640

247.8090, -9.9480,
-6.9400

111.8750, 64.1710,
98.0830

248.1510,
-10.9110, -6.0070

98.0320, 71.4590,
109.1790

248.4930,
-11.8740, -5.0740

93.2220, 73.9800,
113.0520

248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



208.5930, -8.4390, 15.2810



210.5370, 12.3300, 18.8420



210.5680, 28.2400, 16.8480

Triad

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



210.5370, 12.3300, 18.8420



206.0070, 24.4850, -8.7230



198.0960, -44.6090, -12.0410

Complementary

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



210.5370, 12.3300, 18.8420



218.4630, -12.3300, -18.8420

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.



198.5670, -33.0540, -17.7100



210.5370, 12.3300, 18.8420



203.8090, 7.2470, -15.7050

Square

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



210.5370, 12.3300, 18.8420



208.0780, 34.8910, 0.9310



200.9790, -13.8430, -18.9550



200.8500, -43.5560, -3.5880

Rectangle

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



210.5370, 12.3300, 18.8420



209.8690, 34.5220, 13.1300



200.9790, -13.8430, -18.9550



198.1840, -42.0410, -14.5290

Sweetspot

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



210.5370, 12.3300, 18.8420



247.1410, 4.2170, 6.1770



200.9410, -9.5390, 13.1890



123.1900, 2.5210, 3.8730



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.



210.5370, 12.3300, 18.8420



224.2650, 16.2720, 24.4960



208.3710, 18.4290, 12.9330



110.4290, 3.3460, 5.4420



72.1310, 57.1580, 87.5100



21.5040, 17.0970, 26.0650

Inverse Universe

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



210.5370, 12.3300, 18.8420



224.2650, 16.2720, 24.4960



220.6290, -18.4290, -12.9330



110.4290, 3.3460, 5.4420



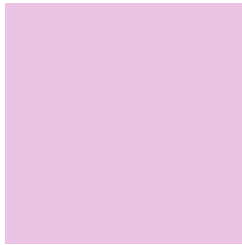
72.1310, 57.1580, 87.5100



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 210.5370, 12.3300, 18.8420 looks on a white background.

Color Contrast Check

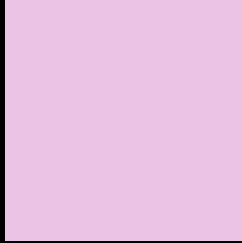
Large Text (above 18pt) WCAG AA × Fail

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 210.5370, 12.3300, 18.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

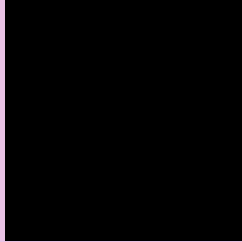
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.5370, 12.3300, 18.8420

Background



This preview shows how black text looks on a background with the YIQ color 210.5370, 12.3300, 18.8420.



This preview shows how white text looks on a background with the YIQ color 210.5370, 12.3300,

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

210.5370, 12.3300, 18.8420

Protanopia

207.6370, -11.7390, 9.0050

Deuteranopia

208.8620, 0.8690, 11.7890



Tritanopia

209.8760, 15.4490, 11.8730

Trichromacy



Original Color

210.5370, 12.3300, 18.8420

Protanomaly

208.5350, -2.5240, 12.7080

Deuteranomaly

209.4820, 4.9950, 14.1070

Tritanomaly

210.2720, 14.3940, 14.4740

Monochromacy



Original Color

210.5370, 12.3300, 18.8420

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.6680, 4.1710, 7.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5370, 12.3300, 18.8420 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(234, 195, 229)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 229)  
}
```

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(234, 195, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 229) }
```

Border

The CSS property to change the border of an element to YIQ 210.5370, 12.3300, 18.8420 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(234, 195, 229) }
```


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

```
.border{ border-color:rgb(234, 195, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 229);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5370, 12.3300, 18.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 229) }
```

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

```
.background{ background-color: rgb(234,  
195, 229) }
```

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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