

Converting Colors

YIQ(216.3280, 19.9880, 12.2120)

Have a look what the booklet for
YIQ(216.3280, 19.9880, 12.2120)
contains.

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Color

**YIQ(216.3280, 19.9880,
12.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CBD7
RGB	243, 203, 215
RGB Percent	95%, 80%, 84%
CMY	0.0470, 0.2040, 0.1568
CMYK	0.00, 0.16, 0.12, 0.05
HSL	342°, 63%, 87%
HSV	342°, 16%, 95%
XYZ	70.5912, 66.6705, 73.4501
YIQ	216.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

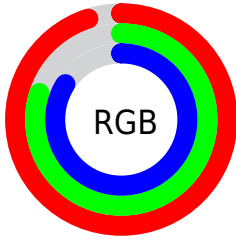
Format	Color
R _Y B	243, 203, 215
Decimal	15977431
CIE Lab	85.34, 16.00, -0.69
CIE LCh	85, 16.017, 357.549
Yxy	66.6705, 0.3350, 0.3164
Android (android.graphics.Color)	4294167511 (0xFFFF3CBD7)
YUV	216.3280, -0.6547, 23.3913
Hunter-Lab	81.6520, 11.4289, 3.8220

Details

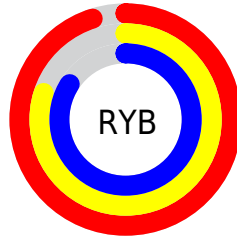
The YIQ color **216.3280, 19.9880, 12.2120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.6720, -19.9880, -12.2120**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.6160, 19.1170, 11.4770** is the 20% darker color. If you saturate the color by 10%, you get **200.3020, 32.0450, 19.4770**, and if you desaturate by 10%, it is **232.3540, 7.9310, 4.9470**.

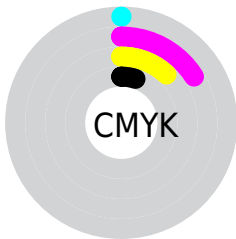
Distribution



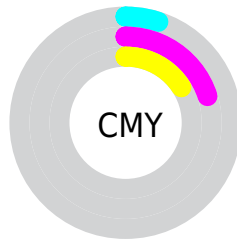
- Red (95%)
- Green (80%)
- Blue (84%)



- Red (95%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3280, 19.9880, 12.2120 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 216.3280, 19.9880, 12.2120 by changing the saturation by 10% instead.

216.3280, 19.9880,
12.2120

216.3280, 19.9880,
12.2120

255.0000, -0.0000,
-0.0000

188.6160, 19.1170,
11.4770

161.6160, 19.1170,
11.4770

135.0180, 17.9250,
11.0530

109.7190, 17.3290,
10.8410

85.1210, 16.1370,
10.4170

61.8220, 15.5410,
10.2050

39.2240, 14.3490,

9.7810

■ 17.3380, 14.0280,
10.0920

■ 0.0000, 0.0000,
0.0000

■ 216.3280, 19.9880,
12.2120

■ 216.3280, 19.9880,
12.2120

■ 200.3020, 32.0450,
19.4770

■ 232.3540, 7.9310,
4.9470

■ 183.6890, 44.3770,
27.2650

■ 248.9670, -4.4010,
-2.8410

■ 167.6630, 56.4340,
34.5300

■ 251.4120, -7.1520,
-2.5440

■ 151.6370, 68.4910,
41.7950

■ 135.0240, 80.8230,
49.5830

■ 118.9980, 92.8800,
56.8480

■ 102.9720,
104.9370, 64.1130

■ 86.9460, 116.9940,
71.3780

■ 80.9790, 121.3950,
74.2190

Harmonies

Analogous

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



215.9230, 8.0670, 13.4990



216.3280, 19.9880, 12.2120



216.1020, 26.3160, 7.6600

Triad

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



216.3280, 19.9880, 12.2120



211.3730, 5.7790, -11.1250



209.5050, -29.3430, -2.3590

Complementary

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



216.3280, 19.9880, 12.2120



229.6720, -19.9880, -12.2120

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.



208.2180, -30.2130, -8.6210



216.3280, 19.9880, 12.2120



209.3050, -8.7090, -12.8770

Square

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



216.3280, 19.9880, 12.2120



213.1790, 18.2490, -5.8390



207.8890, -22.0970, -12.5370



212.2120, -20.9080, 4.4680

Rectangle

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



216.3280, 19.9880, 12.2120



215.0540, 26.2710, 2.9670



207.8890, -22.0970, -12.5370



208.8530, -30.4430, -4.4510

Sweetspot

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



216.3280, 19.9880, 12.2120



246.3430, 6.4640, 4.0000



215.6330, 3.2520, 18.1640



122.6200, 4.1260, 2.3180



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.



216.3280, 19.9880, 12.2120



220.9590, 25.5810, 15.4770



219.0690, 21.9150, 4.8190



114.0440, 5.8680, 3.7880



61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Inverse Universe

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



216.3280, 19.9880, 12.2120



220.9590, 25.5810, 15.4770



226.9310, -21.9150, -4.8190



114.0440, 5.8680, 3.7880



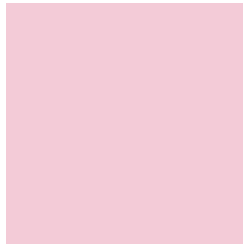
61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 216.3280, 19.9880, 12.2120 looks on a white background.

Color Contrast Check

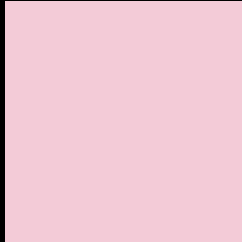
Large Text (above 18pt) WCAG AA × Fail

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 216.3280, 19.9880, 12.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

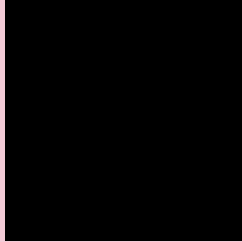
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.3280, 19.9880, 12.2120

Background



This preview shows how black text looks on a background with the YIQ color 216.3280, 19.9880, 12.2120.

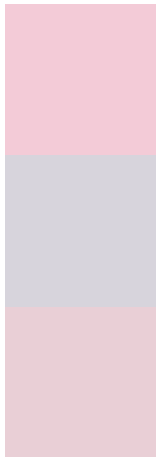


This preview shows how white text looks on a background with the YIQ color 216.3280, 19.9880,

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

216.3280, 19.9880, 12.2120

Protanopia

213.8090, -0.7800, 3.1240

Deuteranopia

215.5720, 13.2490, 7.6890



Tritanopia

216.0830, 19.3000, 13.6680

Trichromacy



Original Color

216.3280, 19.9880, 12.2120

Protanomaly

214.8100, 6.6470, 6.1910

Deuteranomaly

216.1810, 15.9080, 9.0600

Tritanomaly

215.9690, 19.6210, 13.3570

Monochromacy



Original Color

216.3280, 19.9880, 12.2120

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3280, 19.9880, 12.2120 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(243, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 215)  
}
```

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(243, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 215) }
```

Border

The CSS property to change the border of an element to YIQ 216.3280, 19.9880, 12.2120 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(243, 203, 215) }
```


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

```
.border{ border-color:rgb(243, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 203,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3280, 19.9880, 12.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 215) }
```

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

```
.background{ background-color: rgb(243,  
203, 215) }
```

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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