

Converting Colors

YIQ(212.3540, 17.0990, 15.0110)

Have a look what the booklet for
YIQ(212.3540, 17.0990, 15.0110)
contains.

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Color

**YIQ(212.3540, 17.0990,
15.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC6DB
RGB	238, 198, 219
RGB Percent	93%, 78%, 86%
CMY	0.0666, 0.2236, 0.1411
CMYK	0.00, 0.17, 0.08, 0.07
HSL	328°, 54%, 85%
HSV	328°, 17%, 93%
XYZ	68.2473, 63.6776, 75.7209
YIQ	212.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

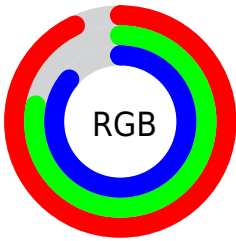
Format	Color
R _{YB}	238, 198, 219
Decimal	15648475
CIE Lab	83.80, 17.57, -5.13
CIE LCh	84, 18.304, 343.727
Yxy	63.6776, 0.3287, 0.3067
Android (android.graphics.Color)	4293838555 (0xFFEEC6DB)
YUV	212.3540, 3.2765, 22.4915
Hunter-Lab	79.7982, 13.0150, -0.4018

Details

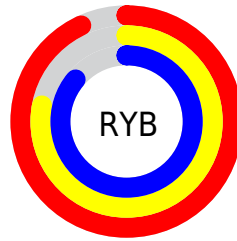
The YIQ color **212.3540, 17.0990, 15.0110** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223.6460, -17.0990, -15.0110**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **157.6420, 16.2280, 14.2760** is the 20% darker color. If you saturate the color by 10%, you get **197.0120, 27.2300, 24.1420**, and if you desaturate by 10%, it is **227.6960, 6.9680, 5.8800**.

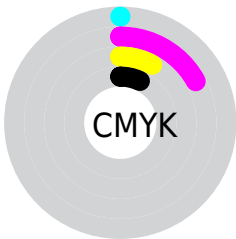
Distribution



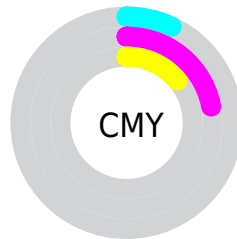
- Red (93%)
- Green (78%)
- Blue (86%)



- Red (93%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.3540, 17.0990, 15.0110 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 212.3540, 17.0990, 15.0110 by changing the saturation by 10% instead.


 212.3540, 17.0990,
15.0110


 212.3540, 17.0990,
15.0110


255.0000, -0.0000,
-0.0000


 184.9410, 16.8240,
14.4880

 157.6420, 16.2280,
14.2760

 131.3430, 15.6320,
14.0640

 105.6310, 14.7610,
13.3290

 81.9190, 13.8900,
12.5940

 58.6200, 13.2940,
12.3820

 36.0220, 12.1020,

11.9580

■ 13.2610, 12.9270,
13.5270

■ 0.0000, 0.0000,
0.0000

■ 212.3540, 17.0990,
15.0110

■ 212.3540, 17.0990,
15.0110

■ 197.0120, 27.2300,
24.1420

■ 227.6960, 6.9680,
5.8800

■ 181.5560, 37.6820,
32.9620

■ 243.1520, -3.4840,
-2.9400

■ 166.8010, 47.5380,
41.5700

■ 249.6890, -9.4900,
-4.2260

■ 151.4590, 57.6690,
50.7010

■ 249.9170,
-10.1320, -3.6040

■ 136.0030, 68.1210,
59.5210

■ 120.6610, 78.2520,
68.6520

■ 105.3190, 88.3830,
77.7830

■ 90.5640, 98.2390,
86.3910

■ 85.4120, 101.7230,
89.3310

Harmonies

Analogous

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



211.6280, 1.6480, 14.1920



212.3540, 17.0990, 15.0110



211.8080, 27.3240, 11.4200

Triad

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



212.3540, 17.0990, 15.0110



207.2060, 13.6190, -10.0370



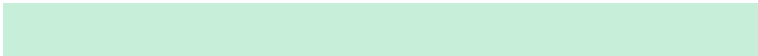
203.4610, -35.2110, -6.1470

Complementary

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



212.3540, 17.0990, 15.0110



223.6460, -17.0990, -15.0110

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.



202.5120, -31.2210, -12.3810



212.3540, 17.0990, 15.0110



205.1870, -2.5650, -14.0930

Square

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



212.3540, 17.0990, 15.0110



209.7670, 25.4010, -3.2950



203.2760, -18.9330, -14.8130



206.0260, -29.2520, 1.5000

Rectangle

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



212.3540, 17.0990, 15.0110



211.2550, 30.2590, 7.7870



203.2760, -18.9330, -14.8130



202.8800, -35.0730, -8.6490

Sweetspot

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



212.3540, 17.0990, 15.0110



246.6850, 5.5010, 4.9330



208.2410, -1.5160, 16.4680



122.8480, 3.4840, 2.9400



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.



212.3540, 17.0990, 15.0110



222.3270, 21.7290, 19.2090



210.0740, 23.5190, 8.7910



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Inverse Universe

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



212.3540, 17.0990, 15.0110



222.3270, 21.7290, 19.2090



225.9260, -23.5190, -8.7910



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 212.3540, 17.0990, 15.0110 looks on a white background.

Color Contrast Check

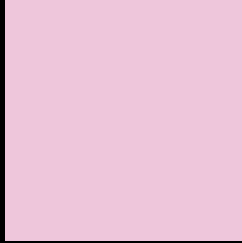
Large Text (above 18pt) WCAG AA × Fail

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 212.3540, 17.0990, 15.0110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

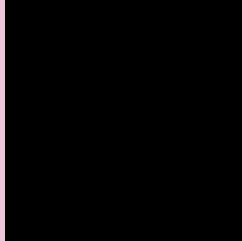
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.3540, 17.0990, 15.0110

Background



This preview shows how black text looks on a background with the YIQ color 212.3540, 17.0990, 15.0110.



This preview shows how white text looks on a background with the YIQ color 212.3540, 17.0990,

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

212.3540, 17.0990, 15.0110

Protanopia

209.9380, -5.4570, 5.2870

Deuteranopia

211.2880, 8.2970, 9.3290



Tritanopia

212.0720, 17.8330, 12.7210

Trichromacy



Original Color

212.3540, 17.0990, 15.0110

Protanomaly

210.6510, 2.8410, 9.0890

Deuteranomaly

211.6090, 11.8270, 11.4350

Tritanomaly

212.3000, 17.1910, 13.3430

Monochromacy



Original Color

212.3540, 17.0990, 15.0110

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0980, 5.7760, 5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3540, 17.0990, 15.0110 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(238, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 219)  
}
```

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(238, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 219) }
```

Border

The CSS property to change the border of an element to YIQ 212.3540, 17.0990, 15.0110 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(238, 198, 219) }
```


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

```
.border{ border-color:rgb(238, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3540, 17.0990, 15.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 219) }
```

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

```
.background{ background-color: rgb(238,  
198, 219) }
```

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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