

Converting Colors

YIQ(216.3520, 11.4130, 18.9410)

Have a look what the booklet for
YIQ(216.3520, 11.4130, 18.9410)
contains.

YIQ(216.3520, 11.4130, 18.9410)	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(216.3520, 11.4130,
18.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC9EC
RGB	239, 201, 236
RGB Percent	94%, 79%, 93%
CMY	0.0626, 0.2118, 0.0745
CMYK	0.00, 0.16, 0.01, 0.06
HSL	305°, 54%, 86%
HSV	305°, 16%, 94%
XYZ	71.6302, 66.1780, 88.3587
YIQ	216.3520, 11.4130, 18.9410

Conversions

Conversions Part 2

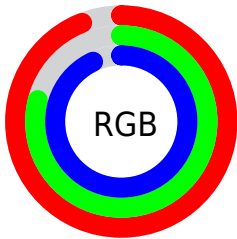
Format	Color
R _Y B	239, 201, 236
Decimal	15714796
CIE Lab	85.09, 19.29, -12.26
CIE LCh	85, 22.858, 327.561
Yxy	66.1780, 0.3167, 0.2926
Android (android.graphics.Color)	4293904876 (0xFFEFC9EC)
YUV	216.3520, 9.6865, 19.8623
Hunter-Lab	81.3499, 14.8106, -7.4534

Details

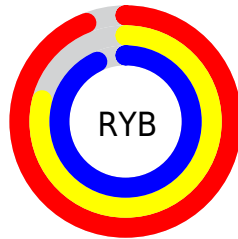
The YIQ color **216.3520, 11.4130, 18.9410** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **223.6480, -11.4130, -18.9410**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.5260, 10.8630, 17.8950** is the 20% darker color. If you saturate the color by 10%, you get **202.0360, 18.6550, 30.8710**, and if you desaturate by 10%, it is **230.6680, 4.1710, 7.0110**.

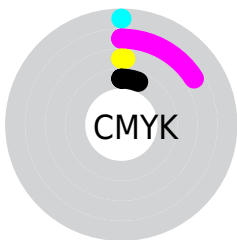
Distribution



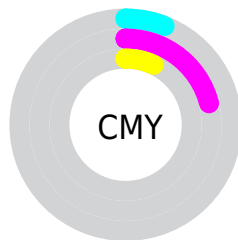
- Red (94%)
- Green (79%)
- Blue (93%)



- Red (94%)
- Yellow (79%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3520, 11.4130, 18.9410 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 216.3520, 11.4130, 18.9410 by changing the saturation by 10% instead.

216.3520, 11.4130,
18.9410

216.3520, 11.4130,
18.9410

255.0000, -0.0000,
-0.0000

188.9390, 11.1380,
18.4180

161.5260, 10.8630,
17.8950

135.1130, 10.5880,
17.3720

109.4010, 9.7170,
16.6370

84.9880, 9.4420,
16.1140

61.5750, 9.1670,
15.5910

38.8630, 8.2960,

14.8560

■ 16.6890, 8.8460,
15.9020

■ 1.0260, -2.8890,
2.7990

■ 216.3520, 11.4130,
18.9410

■ 216.3520, 11.4130,
18.9410

■ 202.0360, 18.6550,
30.8710

■ 230.6680, 4.1710,
7.0110

■ 187.7200, 25.8970,
42.8010

■ 244.9840, -3.0710,
-4.9190

■ 173.4040, 33.1390,
54.7310

■ 248.7340, -5.3630,
-7.4350

■ 159.0880, 40.3810,
66.6610

■ 248.9620, -6.0050,
-6.8130

144.8860, 47.3020,
78.9020

249.1900, -6.6470,
-6.1910

131.1570, 54.2690,
90.3090

249.3040, -6.9680,
-5.8800

116.8410, 61.5110,
102.2390

249.5320, -7.6100,
-5.2580

102.5250, 68.7530,
114.1690

249.7600, -8.2520,
-4.6360

96.5410, 71.8240,
119.0880

249.9880, -8.8940,
-4.0140

Harmonies

Analogous

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



214.6960, -10.2270, 14.6450



216.3520, 11.4130, 18.9410



216.0950, 28.1940, 17.6820

Triad

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



216.3520, 11.4130, 18.9410



211.7190, 25.3560, -7.9880



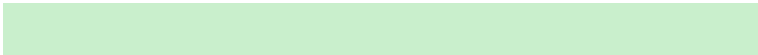
203.9820, -44.2880, -12.3520

Complementary

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



216.3520, 11.4130, 18.9410



223.6480, -11.4130, -18.9410

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.



204.4530, -32.7330, -18.0210



216.3520, 11.4130, 18.9410



209.4070, 8.4390, -15.2810

Square

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



216.3520, 11.4130, 18.9410



213.7900, 35.7620, 1.6660



206.5770, -12.6510, -18.5310



206.4370, -43.8310, -4.1110

Rectangle

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



216.3520, 11.4130, 18.9410



215.2710, 33.3300, 12.7060



206.5770, -12.6510, -18.5310



204.0700, -41.7200, -14.8400

Sweetspot

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



216.3520, 11.4130, 18.9410



247.2550, 3.8960, 6.4880



206.2290, -10.4100, 12.4540



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.



216.3520, 11.4130, 18.9410



226.3680, 14.4840, 23.8600



214.1860, 17.5120, 13.0320



112.8420, 3.6210, 5.9650



74.2820, 55.4150, 91.5670



22.6720, 16.6840, 28.0440

Inverse Universe

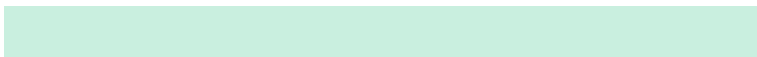
The Inverse Universe completely reimagines the original color for something new.



216.3520, 11.4130, 18.9410



226.3680, 14.4840, 23.8600



225.8140, -17.5120, -13.0320



112.8420, 3.6210, 5.9650



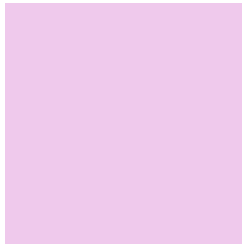
74.2820, 55.4150, 91.5670



22.6720, 16.6840, 28.0440

Previews

White Background



This preview shows how the YIQ color 216.3520, 11.4130, 18.9410 looks on a white background.

Color Contrast Check

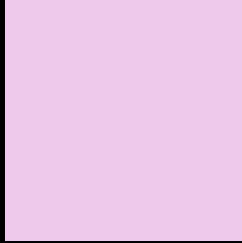
Large Text (above 18pt) WCAG AA × Fail

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 216.3520, 11.4130, 18.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

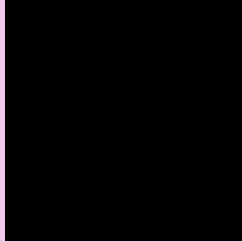
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.3520, 11.4130, 18.9410

Background



This preview shows how black text looks on a background with the YIQ color 216.3520, 11.4130, 18.9410.



This preview shows how white text looks on a background with the YIQ color 216.3520, 11.4130,

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

216.3520, 11.4130, 18.9410

Protanopia

213.6370, -11.7390, 9.0050

Deuteranopia

214.9760, 0.5480, 12.1000



Tritanopia

215.6910, 14.5320, 11.9720

Trichromacy



Original Color

216.3520, 11.4130, 18.9410

Protanomaly

214.3500, -3.4410, 12.8070

Deuteranomaly

215.5960, 4.6740, 14.4180

Tritanomaly

216.0870, 13.4770, 14.5730

Monochromacy



Original Color

216.3520, 11.4130, 18.9410

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2550, 3.8960, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3520, 11.4130, 18.9410 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(239, 201, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 236)  
}
```

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(239, 201, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 236) }
```

Border

The CSS property to change the border of an element to YIQ 216.3520, 11.4130, 18.9410 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(239, 201, 236) }
```


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

```
.border{ border-color:rgb(239, 201, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3520, 11.4130, 18.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 236) }
```

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

```
.background{ background-color: rgb(239,  
201, 236) }
```

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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