

Converting Colors

YIQ(216.1960, 11.5520, 10.9120)

Have a look what the booklet for
YIQ(216.1960, 11.5520, 10.9120)
contains.

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Color

**YIQ(216.1960, 11.5520,
10.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	EACEDE
RGB	234, 206, 222
RGB Percent	92%, 81%, 87%
CMY	0.0823, 0.1922, 0.1294
CMYK	0.00, 0.12, 0.05, 0.08
HSL	326°, 40%, 86%
HSV	326°, 12%, 92%
XYZ	69.1925, 66.9071, 78.3808
YIQ	216.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

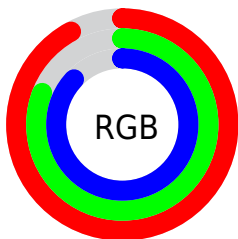
Format	Color
RYB	234, 206, 222
Decimal	15388382
CIELab	85.46, 12.48, -4.32
CIELCh	85, 13.202, 340.905
Yxy	66.9071, 0.3226, 0.3119
Android (android.graphics.Color)	4293578462 (0xFFEACEDE)
YUV	216.1960, 2.8614, 15.6141
Hunter-Lab	81.7967, 7.8503, 0.4438

Details

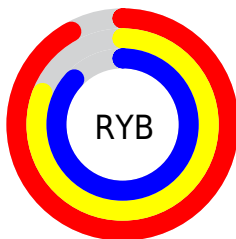
The YIQ color **216.1960, 11.5520, 10.9120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223.8040, -11.5520, -10.9120**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.4840, 10.6810, 10.1770** is the 20% darker color. If you saturate the color by 10%, you get **201.5550, 21.0870, 19.8310**, and if you desaturate by 10%, it is **230.8370, 2.0170, 1.9930**.

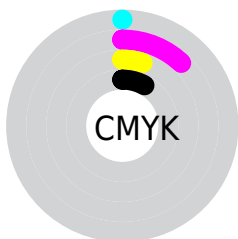
Distribution



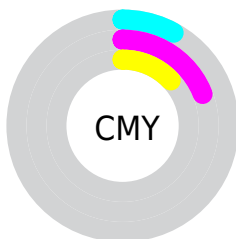
- Red (92%)
- Green (81%)
- Blue (87%)



- Red (92%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1960, 11.5520, 10.9120 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 216.1960, 11.5520, 10.9120 by changing the saturation by 10% instead.

216.1960, 11.5520,
10.9120

216.1960, 11.5520,
10.9120

255.0000, -0.0000,
-0.0000

188.1960, 11.5520,
10.9120

161.4840, 10.6810,
10.1770

135.1850, 10.0850,
9.9650

109.7720, 9.8100,
9.4420

85.4730, 9.2140,
9.2300

62.0600, 8.9390,
8.7070

39.7610, 8.3430,

8.4950

■ 18.7610, 8.3430,
8.4950

■ 0.0000, 0.0000,
0.0000

■ 216.1960, 11.5520,
10.9120

■ 216.1960, 11.5520,
10.9120

■ 201.5550, 21.0870,
19.8310

■ 230.8370, 2.0170,
1.9930

■ 186.3270, 30.8970,
29.2730

■ 246.0650, -7.7930,
-7.4490

■ 171.6860, 40.4320,
38.1920

■ 248.3790,
-11.5530, -5.3850

■ 156.4580, 50.2420,
47.6340

■ 248.7210,
-12.5160, -4.4520

■ 141.8170, 59.7770,
56.5530

■ 127.1760, 69.3120,
65.4720

■ 111.9480, 79.1220,
74.9140

■ 97.3070, 88.6570,
83.8330

■ 85.2420, 96.4500,
91.2820

Harmonies

Analogous

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



215.5090, 0.3650, 9.9090



216.1960, 11.5520, 10.9120



215.9210, 19.5760, 8.6640

Triad

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



216.1960, 11.5520, 10.9120



212.6450, 11.0050, -6.7150



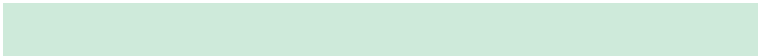
209.9630, -24.9410, -5.0450

Complementary

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



216.1960, 11.5520, 10.9120



223.8040, -11.5520, -10.9120

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.



209.2960, -21.6850, -8.9890



216.1960, 11.5520, 10.9120



211.3770, -0.0440, -10.2200

Square

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



216.1960, 11.5520, 10.9120



214.2980, 19.5320, -1.5560



209.6190, -12.4690, -10.8130



211.8050, -21.3200, 0.9200

Rectangle

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



216.1960, 11.5520, 10.9120



215.5960, 21.8690, 5.6530



209.6190, -12.4690, -10.8130



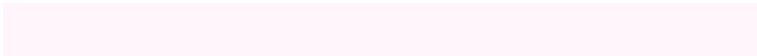
209.9090, -24.8490, -6.7130

Sweetspot

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



216.1960, 11.5520, 10.9120



248.6740, 4.0340, 3.9860



212.7800, -1.8360, 11.2520



123.5490, 2.8880, 2.7280



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.



216.1960, 11.5520, 10.9120



232.1580, 14.7150, 14.1630



214.6000, 16.0460, 6.5580



109.9730, 4.6300, 4.1980



65.8610, 74.8130, 70.4050



19.6800, 22.2330, 21.0890

Inverse Universe

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



216.1960, 11.5520, 10.9120



232.1580, 14.7150, 14.1630



225.4000, -16.0460, -6.5580



109.9730, 4.6300, 4.1980



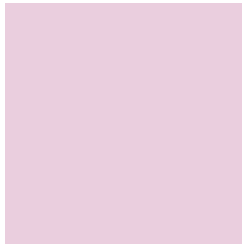
65.8610, 74.8130, 70.4050



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 216.1960, 11.5520, 10.9120 looks on a white background.

Color Contrast Check

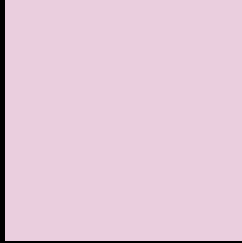
Large Text (above 18pt) WCAG AA × Fail

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 216.1960, 11.5520, 10.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

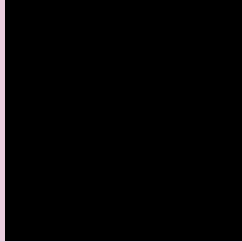
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.1960, 11.5520, 10.9120

Background



This preview shows how black text looks on a background with the YIQ color 216.1960, 11.5520, 10.9120.



This preview shows how white text looks on a background with the YIQ color 216.1960, 11.5520,

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

216.1960, 11.5520, 10.9120

Protanopia

214.1940, -3.3020, 4.7780

Deuteranopia

215.8860, 9.4890, 9.7530



Tritanopia

216.1960, 11.5520, 10.9120

Trichromacy



Original Color

216.1960, 11.5520, 10.9120

Protanomaly

214.9990, 1.7410, 6.9970

Deuteranomaly

216.1850, 10.0850, 9.9650

Tritanomaly

216.1960, 11.5520, 10.9120

Monochromacy



Original Color

216.1960, 11.5520, 10.9120

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1960, 11.5520, 10.9120 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, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 206, 222)  
}
```

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, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 206, 222) }
```

Border

The CSS property to change the border of an element to YIQ 216.1960, 11.5520, 10.9120 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, 206, 222) }
```


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

```
.border{ border-color:rgb(234, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 206,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1960, 11.5520, 10.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 206, 222) }
```

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

```
.background{ background-color: rgb(234,  
206, 222) }
```

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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