

Converting Colors

YIQ(211.3600, 16.9620, 11.9860)

Have a look what the booklet for
YIQ(211.3600, 16.9620, 11.9860)
contains.

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Color

**YIQ(211.3600, 16.9620,
11.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC7D5
RGB	235, 199, 213
RGB Percent	92%, 78%, 84%
CMY	0.0783, 0.2196, 0.1646
CMYK	0.00, 0.15, 0.09, 0.08
HSL	337°, 47%, 85%
HSV	337°, 15%, 92%
XYZ	66.7009, 63.3110, 71.6651
YIQ	211.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

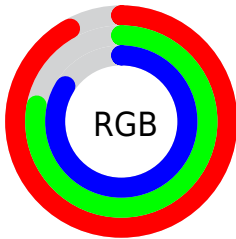
Format	Color
R _Y B	235, 199, 213
Decimal	15452117
CIE Lab	83.61, 14.99, -2.24
CIE LCh	84, 15.156, 351.509
Yxy	63.3110, 0.3307, 0.3139
Android (android.graphics.Color)	4293642197 (0xFFEBC7D5)
YUV	211.3600, 0.8085, 20.7323
Hunter-Lab	79.5682, 10.3897, 2.2967

Details

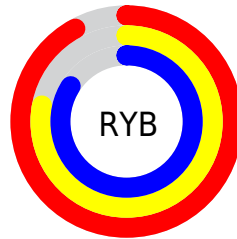
The YIQ color **211.3600, 16.9620, 11.9860** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222.6400, -16.9620, -11.9860**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **156.6480, 16.0910, 11.2510** is the 20% darker color. If you saturate the color by 10%, you get **195.6760, 28.0560, 20.1840**, and if you desaturate by 10%, it is **226.4570, 6.1430, 4.3110**.

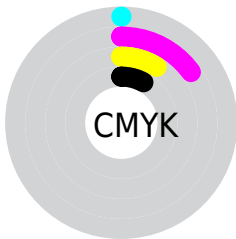
Distribution



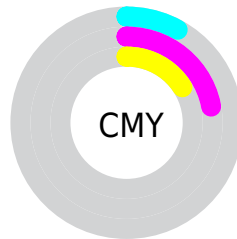
- Red (92%)
- Green (78%)
- Blue (84%)



- Red (92%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.3600, 16.9620, 11.9860 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 211.3600, 16.9620, 11.9860 by changing the saturation by 10% instead.

211.3600, 16.9620,
11.9860

211.3600, 16.9620,
11.9860

255.0000, -0.0000,
-0.0000

183.9470, 16.6870,
11.4630

156.6480, 16.0910,
11.2510

130.3490, 15.4950,
11.0390

105.0500, 14.8990,
10.8270

81.3380, 14.0280,
10.0920

57.7400, 12.8360,
9.6680

36.0280, 11.9650,

8.9330

■ 13.0930, 13.3400,
11.5480

■ 0.0000, 0.0000,
0.0000

■ 211.3600, 16.9620,
11.9860

■ 211.3600, 16.9620,
11.9860

■ 195.6760, 28.0560,
20.1840

■ 226.4570, 6.1430,
4.3110

■ 180.4650, 39.1960,
27.5480

■ 242.2550, -5.2720,
-3.5760

■ 164.7810, 50.2900,
35.7460

■ 249.0200,
-11.9200, -4.2400

■ 149.6840, 61.1090,
43.4210

■ 133.8860, 72.5240,
51.3080

■ 118.7890, 83.3430,
58.9830

■ 103.1050, 94.4370,
67.1810

■ 87.8940, 105.5770,
74.5450

■ 80.6390, 110.8490,
78.1210

Harmonies

Analogous

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



211.0150, 4.8120, 11.9160



211.3600, 16.9620, 11.9860



210.9600, 23.8400, 8.4800

Triad

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



211.3600, 16.9620, 11.9860



207.0960, 8.1170, -9.4430



204.7500, -28.6550, -3.8150

Complementary

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



211.3600, 16.9620, 11.9860



222.6400, -16.9620, -11.9860

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.



203.6590, -27.1410, -9.2290



211.3600, 16.9620, 11.9860



204.6860, -5.4080, -12.1280

Square

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



211.3600, 16.9620, 11.9860



208.4180, 19.0740, -4.2700



204.1560, -18.4750, -12.0990



206.9730, -21.7330, 2.8990

Rectangle

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



211.3600, 16.9620, 11.9860



210.5100, 24.9870, 4.2110



204.1560, -18.4750, -12.0990



204.3970, -29.1590, -5.6950

Sweetspot

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



211.3600, 16.9620, 11.9860



246.4570, 6.1430, 4.3110



209.6820, 1.5560, 15.8600



122.7340, 3.8050, 2.6290



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.



211.3600, 16.9620, 11.9860



224.8060, 21.6380, 15.3500



212.1120, 20.3560, 5.5400



109.7450, 5.2720, 3.5760



62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790

Inverse Universe

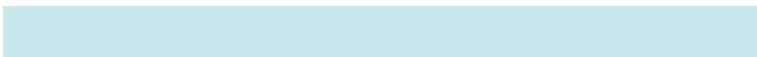
The Inverse Universe completely reimagines the original color for something new.



211.3600, 16.9620, 11.9860



224.8060, 21.6380, 15.3500



221.8880, -20.3560, -5.5400



109.7450, 5.2720, 3.5760



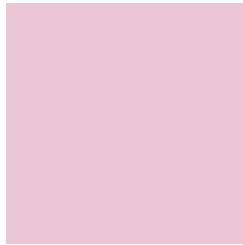
62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 211.3600, 16.9620, 11.9860 looks on a white background.

Color Contrast Check

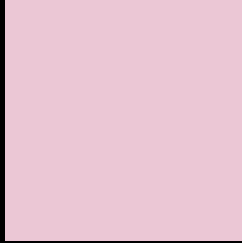
Large Text (above 18pt) WCAG AA × Fail

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 211.3600, 16.9620, 11.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

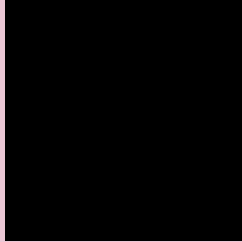
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.3600, 16.9620, 11.9860

Background



This preview shows how black text looks on a background with the YIQ color 211.3600, 16.9620, 11.9860.



This preview shows how white text looks on a background with the YIQ color 211.3600, 16.9620,

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

211.3600, 16.9620, 11.9860

Protanopia

209.1510, -1.7430, 4.0570

Deuteranopia

210.6150, 11.6900, 8.4100



Tritanopia

211.4740, 16.6410, 12.2970

Trichromacy



Original Color

211.3600, 16.9620, 11.9860

Protanomaly

209.8530, 5.0880, 6.9120

Deuteranomaly

210.9250, 13.7530, 9.5690

Tritanomaly

211.4740, 16.6410, 12.2970

Monochromacy



Original Color

211.3600, 16.9620, 11.9860

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.4570, 6.1430, 4.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3600, 16.9620, 11.9860 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(235, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 213)  
}
```

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(235, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 213) }
```

Border

The CSS property to change the border of an element to YIQ 211.3600, 16.9620, 11.9860 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(235, 199, 213) }
```


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

```
.border{ border-color:rgb(235, 199, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3600, 16.9620, 11.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 213) }
```

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

```
.background{ background-color: rgb(235,  
199, 213) }
```

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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