

Converting Colors

YIQ(211.7840, 18.7040, 13.4560)

Have a look what the booklet for
YIQ(211.7840, 18.7040, 13.4560)
contains.

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Color

**YIQ(211.7840, 18.7040,
13.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC6D6
RGB	238, 198, 214
RGB Percent	93%, 78%, 84%
CMY	0.0666, 0.2236, 0.1607
CMYK	0.00, 0.17, 0.10, 0.07
HSL	336°, 54%, 85%
HSV	336°, 17%, 93%
XYZ	67.5988, 63.4181, 72.3070
YIQ	211.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

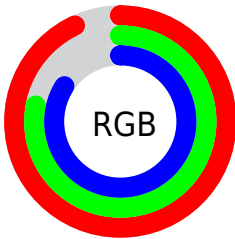
Format	Color
R _Y B	238, 198, 214
Decimal	15648470
CIE Lab	83.66, 16.73, -2.66
CIE LCh	84, 16.943, 350.971
Yxy	63.4181, 0.3325, 0.3119
Android (android.graphics.Color)	4293838550 (0xFFEEC6D6)
YUV	211.7840, 1.0925, 22.9914
Hunter-Lab	79.6355, 12.1580, 1.9111

Details

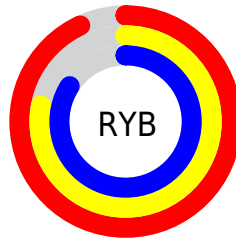
The YIQ color **211.7840, 18.7040, 13.4560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **224.2160, -18.7040, -13.4560**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **157.0720, 17.8330, 12.7210** is the 20% darker color. If you saturate the color by 10%, you get **196.1000, 29.7980, 21.6540**, and if you desaturate by 10%, it is **227.4680, 7.6100, 5.2580**.

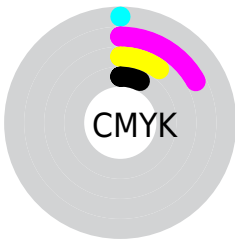
Distribution



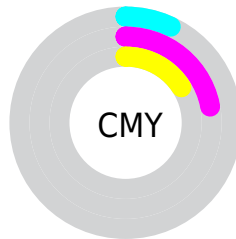
- Red (93%)
- Green (78%)
- Blue (84%)



- Red (93%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7840, 18.7040, 13.4560 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 211.7840, 18.7040, 13.4560 by changing the saturation by 10% instead.

211.7840, 18.7040,
13.4560

211.7840, 18.7040,
13.4560

255.0000, -0.0000,
-0.0000

184.3710, 18.4290,
12.9330

157.0720, 17.8330,
12.7210

130.7730, 17.2370,
12.5090

105.1750, 16.0450,
12.0850

81.4630, 15.1740,
11.3500

57.8650, 13.9820,
10.9260

35.5660, 13.3860,

10.7140

■ 12.8050, 14.2110,
12.2830

■ 0.0000, 0.0000,
0.0000

■ 211.7840, 18.7040,
13.4560

■ 211.7840, 18.7040,
13.4560

■ 196.1000, 29.7980,
21.6540

■ 227.4680, 7.6100,
5.2580

■ 180.3020, 41.2130,
29.5410

■ 243.2660, -3.8050,
-2.6290

■ 165.2050, 52.0320,
37.2160

■ 249.9170,
-10.1320, -3.6040

■ 149.5210, 63.1260,
45.4140

■ 133.8370, 74.2200,
53.6120

■ 118.0390, 85.6350,
61.4990

■ 102.3550, 96.7290,
69.6970

■ 87.2580, 107.5480,
77.3720

■ 81.9920, 111.3530,
80.0010

Harmonies

Analogous

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



211.3680, 5.3160, 13.7960



211.7840, 18.7040, 13.4560



211.4550, 26.8200, 9.5400

Triad

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



211.7840, 18.7040, 13.4560



206.7540, 9.0800, -10.3760



204.4830, -32.2770, -4.2530

Complementary

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



211.7840, 18.7040, 13.4560



224.2160, -18.7040, -13.4560

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.



202.8650, -30.7170, -10.5010



211.7840, 18.7040, 13.4560



204.7460, -5.6370, -13.4850

Square

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



211.7840, 18.7040, 13.4560



208.6740, 21.2290, -4.7790



203.4330, -20.8130, -13.7810



206.5320, -24.8050, 3.5070

Rectangle

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



211.7840, 18.7040, 13.4560



210.8910, 28.2880, 4.9600



203.4330, -20.8130, -13.7810



203.7170, -33.0560, -6.6560

Sweetspot

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



211.7840, 18.7040, 13.4560



246.4570, 6.1430, 4.3110



209.4370, 0.8680, 17.3160



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.



211.7840, 18.7040, 13.4560



221.5290, 23.9760, 17.0320



211.7210, 23.0150, 6.9110



112.1580, 5.5470, 4.0990



63.3380, 86.2310, 61.7110



19.2520, 26.3140, 18.7140

Inverse Universe

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



211.7840, 18.7040, 13.4560



221.5290, 23.9760, 17.0320



224.2790, -23.0150, -6.9110



112.1580, 5.5470, 4.0990



63.3380, 86.2310, 61.7110



19.2520, 26.3140, 18.7140

Previews

White Background



This preview shows how the YIQ color 211.7840, 18.7040, 13.4560 looks on a white background.

Color Contrast Check

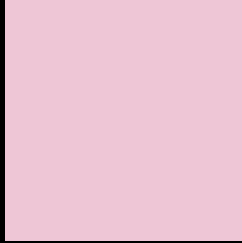
Large Text (above 18pt) WCAG AA × Fail

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 211.7840, 18.7040, 13.4560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

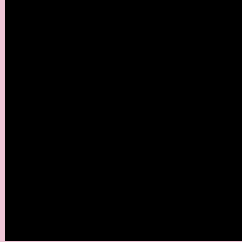
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.7840, 18.7040, 13.4560

Background



This preview shows how black text looks on a background with the YIQ color 211.7840, 18.7040, 13.4560.



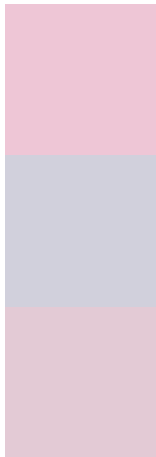
This preview shows how white text looks on a background with the YIQ color 211.7840, 18.7040,

13.4560.

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

211.7840, 18.7040, 13.4560

Protanopia

209.6670, -3.2560, 3.9440

Deuteranopia

210.7290, 11.3690, 8.7210



Tritanopia

211.7840, 18.7040, 13.4560

Trichromacy



Original Color

211.7840, 18.7040, 13.4560

Protanomaly

210.3800, 5.0420, 7.7460

Deuteranomaly

211.3380, 14.0280, 10.0920

Tritanomaly

211.7840, 18.7040, 13.4560

Monochromacy



Original Color

211.7840, 18.7040, 13.4560

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7840, 18.7040, 13.4560 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 214) }
```

Border

The CSS property to change the border of an element to YIQ 211.7840, 18.7040, 13.4560 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, 214) }
```


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

```
.border{ border-color:rgb(238, 198, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7840, 18.7040, 13.4560 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, 214) }
```

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

```
.background{ background-color: rgb(238,  
198, 214) }
```

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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