

Converting Colors

YIQ(217.4700, 22.4640, 11.3920)

Have a look what the booklet for
YIQ(217.4700, 22.4640, 11.3920)
contains.

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Color

**YIQ(217.4700, 22.4640,
11.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CCD4
RGB	246, 204, 212
RGB Percent	96%, 80%, 83%
CMY	0.0352, 0.2000, 0.1685
CMYK	0.00, 0.17, 0.14, 0.04
HSL	349°, 70%, 88%
HSV	349°, 17%, 96%
XYZ	71.4904, 67.5296, 71.5679
YIQ	217.4700, 22.4640, 11.3920

Conversions

Conversions Part 2

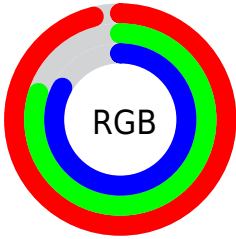
Format	Color
R _Y B	246, 204, 212
Decimal	16174292
CIE Lab	85.77, 16.05, 1.57
CIE LCh	86, 16.126, 5.599
Yxy	67.5296, 0.3395, 0.3207
Android (android.graphics.Color)	4294364372 (0xFFFF6CCD4)
YUV	217.4700, -2.6967, 25.0208
Hunter-Lab	82.1764, 11.4798, 5.8874

Details

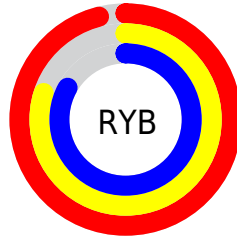
The YIQ color **217.4700, 22.4640, 11.3920** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **232.5300, -22.4640, -11.3920**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **162.4590, 20.9970, 10.4450** is the 20% darker color. If you saturate the color by 10%, you get **200.5150, 35.7590, 18.2470**, and if you desaturate by 10%, it is **234.4250, 9.1690, 4.5370**.

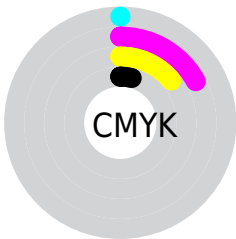
Distribution



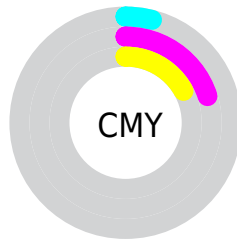
- Red (96%)
- Green (80%)
- Blue (83%)



- Red (96%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.4700, 22.4640, 11.3920 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 217.4700, 22.4640, 11.3920 by changing the saturation by 10% instead.

217.4700, 22.4640,
11.3920

217.4700, 22.4640,
11.3920

255.0000, -0.0000,
-0.0000

189.1710, 21.8680,
11.1800

162.4590, 20.9970,
10.4450

136.1600, 20.4010,
10.2330

110.5620, 19.2090,
9.8090

86.2630, 18.6130,
9.5970

62.6650, 17.4210,
9.1730

40.1810, 15.9080,

9.0600

■ 18.2950, 15.5870,
9.3710

■ 0.0000, 0.0000,
0.0000

■ 217.4700, 22.4640,
11.3920

■ 217.4700, 22.4640,
11.3920

■ 200.5150, 35.7590,
18.2470

■ 234.4250, 9.1690,
4.5370

■ 184.1470, 48.7790,
24.5790

■ 250.7930, -3.8510,
-1.7950

■ 167.1920, 62.0740,
31.4340

■ 252.3090, -5.3640,
-1.9080

■ 150.8240, 75.0940,
37.7660

■ 133.9830, 88.0680,
44.9320

■ 117.0280,
101.3630, 51.7870

■ 100.6600,
114.3830, 58.1190

■ 83.7050, 127.6780,
64.9740

■ 78.9120, 131.5290,
66.7690

Harmonies

Analogous

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



217.6630, 11.7350, 13.1030



217.4700, 22.4640, 11.3920



216.3470, 27.0040, 6.2040

Triad

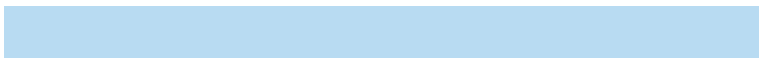
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.4700, 22.4640, 11.3920



211.9920, 2.4780, -11.8740



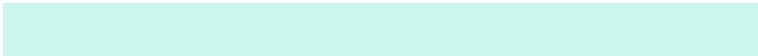
211.1570, -28.2430, -0.2670

Complementary

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



217.4700, 22.4640, 11.3920



232.5300, -22.4640, -11.3920

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.



209.9730, -30.9010, -7.1650



217.4700, 22.4640, 11.3920



210.0380, -12.3310, -13.3150

Square

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



217.4700, 22.4640, 11.3920



213.5700, 15.5900, -7.2100



209.4480, -25.1690, -11.9290



214.5330, -17.3780, 6.5740

Rectangle

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



217.4700, 22.4640, 11.3920



216.1140, 26.0420, 1.6100



209.4480, -25.1690, -11.9290



210.7930, -30.2140, -3.0940

Sweetspot

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



217.4700, 22.4640, 11.3920



246.2290, 6.7850, 3.6890



218.9540, 6.7820, 20.2700



122.5060, 4.4470, 2.0070



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.



217.4700, 22.4640, 11.3920



218.4000, 28.6530, 14.8690



224.1890, 21.4570, 2.1050



113.8160, 6.5100, 3.1660



59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Inverse Universe

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



217.4700, 22.4640, 11.3920



218.4000, 28.6530, 14.8690



225.8110, -21.4570, -2.1050



113.8160, 6.5100, 3.1660



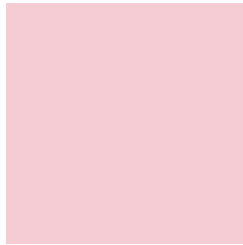
59.7180, 99.3000, 50.6280



18.8950, 31.6330, 15.9290

Previews

White Background



This preview shows how the YIQ color 217.4700, 22.4640, 11.3920 looks on a white background.

Color Contrast Check

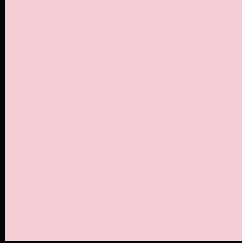
Large Text (above 18pt) WCAG AA × Fail

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 217.4700, 22.4640, 11.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

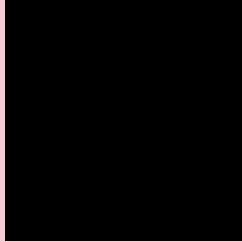
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.4700, 22.4640, 11.3920

Background



This preview shows how black text looks on a background with the YIQ color 217.4700, 22.4640, 11.3920.

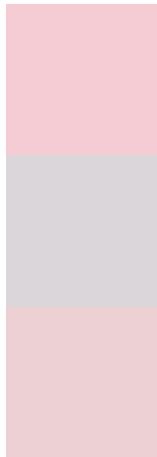


This preview shows how white text looks on a background with the YIQ color 217.4700, 22.4640,

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

217.4700, 22.4640, 11.3920

Protanopia

215.6520, 1.1000, 2.0920

Deuteranopia

217.0130, 16.3210, 7.0810



Tritanopia

217.9800, 21.0880, 14.3040

Trichromacy



Original Color

217.4700, 22.4640, 11.3920

Protanomaly

216.0660, 8.8020, 5.6820

Deuteranomaly

217.3230, 18.3840, 8.2400

Tritanomaly

217.6380, 22.0510, 13.3710

Monochromacy



Original Color

217.4700, 22.4640, 11.3920

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.1260, 8.5730, 4.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.4700, 22.4640, 11.3920 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(246, 204, 212)` looks like.

```
.text, #text, p{  
    color:rgb(246, 204, 212)  
}
```

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(246, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 204, 212) }
```

Border

The CSS property to change the border of an element to YIQ 217.4700, 22.4640, 11.3920 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(246, 204, 212) }
```


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

```
.border{ border-color:rgb(246, 204, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 204, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 204,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 217.4700, 22.4640, 11.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 204, 212) }
```

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

```
.background{ background-color: rgb(246,  
204, 212) }
```

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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