

Converting Colors

YIQ(225.0840, 17.5590, 6.6710)

Have a look what the booklet for
YIQ(225.0840, 17.5590, 6.6710)
contains.

YIQ(225.0840, 17.5590, 6.6710)	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(225.0840, 17.5590,
6.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D8D9
RGB	246, 216, 217
RGB Percent	96%, 85%, 85%
CMY	0.0352, 0.1530, 0.1489
CMYK	0.00, 0.12, 0.12, 0.04
HSL	358°, 63%, 91%
HSV	358°, 12%, 96%
XYZ	75.0918, 73.7121, 75.9277
YIQ	225.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

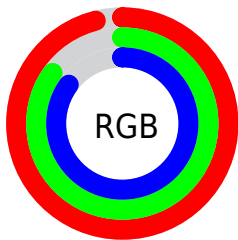
Format	Color
R _Y B	246, 216, 217
Decimal	16177369
CIE Lab	88.79, 10.56, 3.31
CIE LCh	89, 11.068, 17.406
Yxy	73.7121, 0.3341, 0.3280
Android (android.graphics.Color)	4294367449 (0xFFFF6D8D9)
YUV	225.0840, -3.9854, 18.3433
Hunter-Lab	85.8557, 5.8734, 7.6651

Details

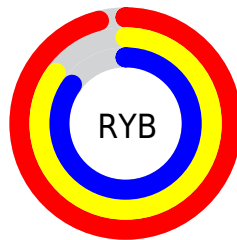
The YIQ color $225.0840, 17.5590, 6.6710$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $236.9160, -17.5590, -6.6710$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.4860, 16.3670, 6.2470$ is the 20% darker color. If you saturate the color by 10%, you get $207.6730, 32.1380, 12.2820$, and if you desaturate by 10%, it is $242.4950, 2.9800, 1.0600$.

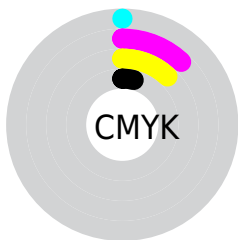
Distribution



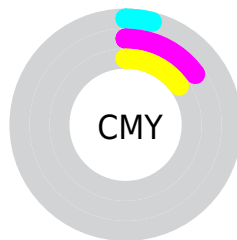
- Red (96%)
- Green (85%)
- Blue (85%)



- Red (96%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 225.0840, 17.5590, 6.6710 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 225.0840, 17.5590, 6.6710 by changing the saturation by 10% instead.


 225.0840, 17.5590,
6.6710


 225.0840, 17.5590,
6.6710


255.0000, -0.0000,
-0.0000


 196.7850, 16.9630,
6.4590

 169.4860, 16.3670,
6.2470

 143.1870, 15.7710,
6.0350

 117.8880, 15.1750,
5.8230

 92.5890, 14.5790,
5.6110

 69.2900, 13.9830,
5.3990

 46.6920, 12.7910,

4.9750

■ 25.2080, 11.2780,
4.8620

■ 4.1860, 8.3440,
2.9680

■ 225.0840, 17.5590,
6.6710

■ 225.0840, 17.5590,
6.6710

■ 207.6730, 32.1380,
12.2820

■ 242.4950, 2.9800,
1.0600

■ 190.8490, 46.4420,
17.3700

■ 252.3090, -5.3640,
-1.9080

■ 173.5520, 60.7000,
23.2920

■ 156.7280, 75.0040,
28.3800

■ 139.3170, 89.5830,
33.9910

■ 121.9060,
104.1620, 39.6020

■ 105.1960,
118.1450, 45.0010

■ 87.7850, 132.7240,
50.6120

■ 74.4660, 144.0480,
54.6400

Harmonies

Analogous

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



225.1420, 11.6440, 9.2440



225.0840, 17.5590, 6.6710



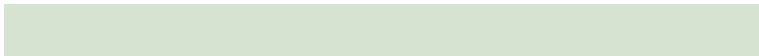
224.6340, 18.7060, 2.4020

Triad

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



225.0840, 17.5590, 6.6710



220.6480, -2.2450, -8.8770



221.6700, -16.5060, 1.7820

Complementary

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



225.0840, 17.5590, 6.6710



236.9160, -17.5590, -6.6710

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.



220.4690, -20.4940, -3.0380



225.0840, 17.5590, 6.6710



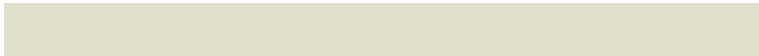
219.9720, -11.9650, -8.9330

Square

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



225.0840, 17.5590, 6.6710



221.9050, 7.3370, -6.3190



219.4320, -19.0720, -6.7840



223.7960, -7.9330, 6.1070

Rectangle

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



225.0840, 17.5590, 6.6710



223.8570, 16.4600, -0.9480



219.4320, -19.0720, -6.7840



221.2460, -18.2480, 0.3120

Sweetspot

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



225.0840, 17.5590, 6.6710



247.9900, 5.9600, 2.1200



228.0910, 7.6540, 15.4780



123.0930, 4.1720, 1.4840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

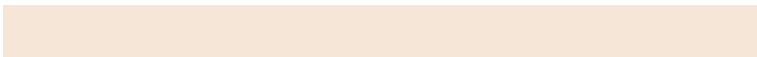
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.0840, 17.5590, 6.6710



228.4760, 22.3270, 8.3670



233.1880, 14.0300, -0.9620



113.7020, 6.8310, 2.8550



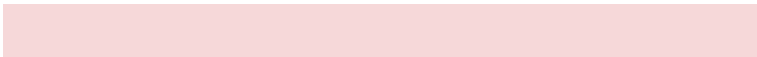
56.2980, 108.9300, 41.2980



17.8690, 34.5220, 13.1300

Inverse Universe

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



225.0840, 17.5590, 6.6710



228.4760, 22.3270, 8.3670



229.3990, -14.3050, 0.4390



113.7020, 6.8310, 2.8550



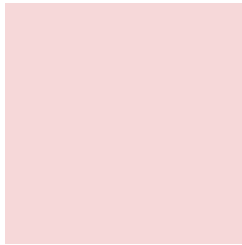
56.2980, 108.9300, 41.2980



17.8690, 34.5220, 13.1300

Previews

White Background



This preview shows how the YIQ color 225.0840, 17.5590, 6.6710 looks on a white background.

Color Contrast Check

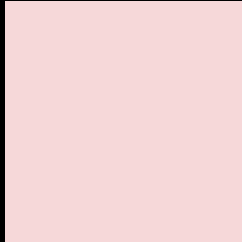
Large Text (above 18pt) WCAG AA × Fail

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 225.0840, 17.5590, 6.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

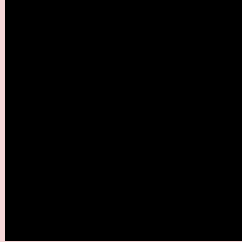
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.0840, 17.5590, 6.6710

Background



This preview shows how black text looks on a background with the YIQ color 225.0840, 17.5590, 6.6710.



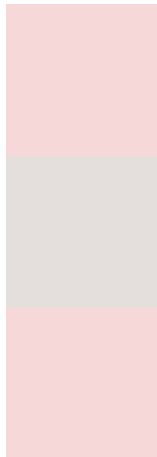
This preview shows how white text looks on a background with the YIQ color 225.0840, 17.5590,

6.6710.

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

225.0840, 17.5590, 6.6710

Protanopia

223.5660, 4.2180, 0.6500

Deuteranopia

225.3830, 18.1550, 6.8830



Tritanopia

226.1040, 14.8070, 12.4950

Trichromacy



Original Color

225.0840, 17.5590, 6.6710

Protanomaly

224.3710, 9.2610, 2.8690

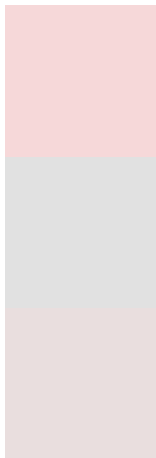
Deuteranomaly

225.3830, 18.1550, 6.8830

Tritanomaly

225.8220, 15.5410, 10.2050

Monochromacy



Original Color

225.0840, 17.5590, 6.6710

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.2890, 6.5560, 2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.0840, 17.5590, 6.6710 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, 216, 217)` looks like.

```
.text, #text, p{  
    color:rgb(246, 216, 217)  
}
```

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, 216, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 216, 217) }
```

Border

The CSS property to change the border of an element to YIQ 225.0840, 17.5590, 6.6710 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, 216, 217) }
```


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

```
.border{ border-color:rgb(246, 216, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 216, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 216, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 216, 217); box-shadow:4px 4px 4px 4px rgb(246, 216, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 225.0840, 17.5590, 6.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 216, 217) }
```

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

```
.background{ background-color: rgb(246,  
216, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor