

Converting Colors

YIQ(215.8050, 23.3790, 22.3470)

Have a look what the booklet for
YIQ(215.8050, 23.3790, 22.3470)
contains.

YIQ(215.8050, 23.3790, 22.3470)	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(215.8050, 23.3790,
22.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC3E4
RGB	252, 195, 228
RGB Percent	99%, 76%, 89%
CMY	0.0116, 0.2354, 0.1058
CMYK	0.00, 0.23, 0.10, 0.01
HSL	325°, 91%, 88%
HSV	325°, 23%, 99%
XYZ	73.6750, 65.3248, 82.1371
YIQ	215.8050, 23.3790, 22.3470

Conversions

Conversions Part 2

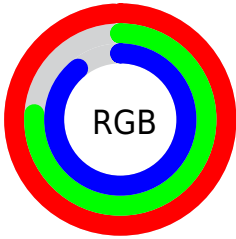
Format	Color
R _Y B	252, 195, 228
Decimal	16565220
CIE Lab	84.65, 25.46, -8.53
CIE LCh	85, 26.851, 341.483
Yxy	65.3248, 0.3332, 0.2954
Android (android.graphics.Color)	4294755300 (0xFFFC3E4)
YUV	215.8050, 6.0121, 31.7430
Hunter-Lab	80.8238, 21.2704, -3.6768

Details

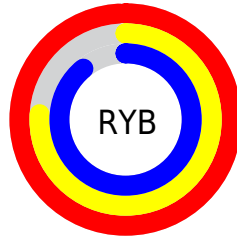
The YIQ color $215.8050, 23.3790, 22.3470$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.1950, -23.3790, -22.3470$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $160.7940, 21.9120, 21.4000$ is the 20% darker color. If you saturate the color by 10%, you get $199.8760, 33.7850, 32.0010$, and if you desaturate by 10%, it is $231.7340, 12.9730, 12.6930$.

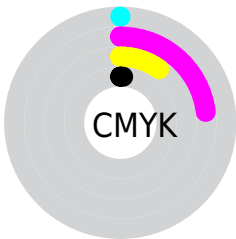
Distribution



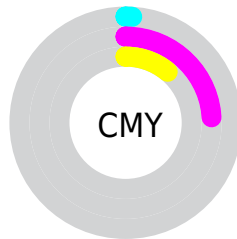
- Red (99%)
- Green (76%)
- Blue (89%)



- Red (99%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (1%)




- Cyan (1%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.8050, 23.3790, 22.3470 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 215.8050, 23.3790, 22.3470 by changing the saturation by 10% instead.


 215.8050, 23.3790,
22.3470


 215.8050, 23.3790,
22.3470


255.0000, -0.0000,
-0.0000


 188.0930, 22.5080,
21.6120


 253.2390, 0.8250,
1.5690

 160.7940, 21.9120,
21.4000

 134.0820, 21.0410,
20.6650

 108.3700, 20.1700,
19.9300

 83.7720, 18.9780,
19.5060

 60.0600, 18.1070,
18.7710

 36.7610, 17.5110,

18.5590

■ 15.8640, 15.7230,
17.9230

■ 1.7940, 3.5760,
1.2720

■ 215.8050, 23.3790,
22.3470

■ 215.8050, 23.3790,
22.3470

■ 199.8760, 33.7850,
32.0010

■ 231.7340, 12.9730,
12.6930

■ 184.0610, 43.8700,
41.9660

■ 247.5490, 2.8880,
2.7280

■ 167.5450, 54.5510,
52.1430

■ 254.1030, -1.7880,
-0.6360

■ 151.7300, 64.6360,
62.1080

■ 135.8010, 75.0420,
71.7620

■ 119.8720, 85.4480,
81.4160

■ 104.0570, 95.5330,
91.3810

■ 91.9920, 103.3260,
98.8300

Harmonies

Analogous

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



215.1320, 0.4090, 20.1290



215.8050, 23.3790, 22.3470



212.5640, 34.0630, 15.9430

Triad

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



215.8050, 23.3790, 22.3470



209.2790, 20.5430, -14.3770



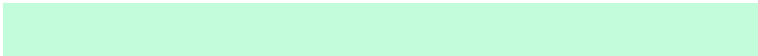
201.4630, -55.8880, -11.3760

Complementary

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



215.8050, 23.3790, 22.3470



231.1950, -23.3790, -22.3470

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.



200.4990, -47.5420, -19.4620



215.8050, 23.3790, 22.3470



206.2700, -1.6010, -20.5530

Square

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



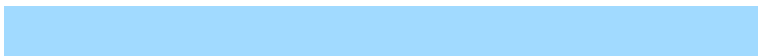
215.8050, 23.3790, 22.3470



211.4000, 36.6800, -3.9600



202.6400, -26.1300, -22.0500



205.1750, -45.8490, -0.5770

Rectangle

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



215.8050, 23.3790, 22.3470



211.9140, 38.6490, 9.9210



202.6400, -26.1300, -22.0500



200.6540, -55.1080, -14.5000

Sweetspot

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



215.8050, 23.3790, 22.3470



243.5220, 7.5180, 6.9260



208.6740, -3.9930, 22.8150



120.9730, 4.6300, 4.1980



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.



215.8050, 23.3790, 22.3470



211.1910, 28.2840, 27.0680



212.6130, 32.3670, 13.6390



116.7990, 5.1800, 5.2440



68.9370, 77.6550, 73.9670



22.2290, 25.1210, 23.8170

Inverse Universe

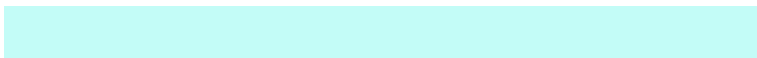
The Inverse Universe completely reimagines the original color for something new.



215.8050, 23.3790, 22.3470



211.1910, 28.2840, 27.0680



234.3870, -32.3670, -13.6390



116.7990, 5.1800, 5.2440



68.9370, 77.6550, 73.9670



22.2290, 25.1210, 23.8170

Previews

White Background



This preview shows how the YIQ color 215.8050, 23.3790, 22.3470 looks on a white background.

Color Contrast Check

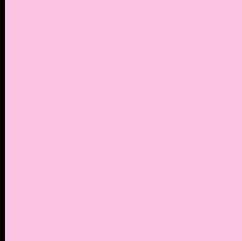
Large Text (above 18pt) WCAG AA × Fail

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 215.8050, 23.3790, 22.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

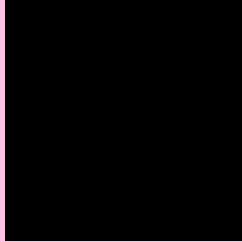
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.8050, 23.3790, 22.3470

Background



This preview shows how black text looks on a background with the YIQ color 215.8050, 23.3790, 22.3470.

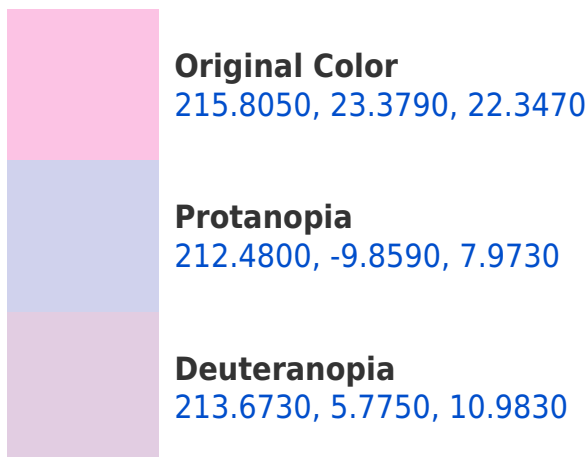


This preview shows how white text looks on a background with the YIQ color 215.8050, 23.3790,

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





Tritanopia

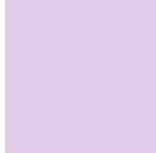
215.2580, 26.1770, 15.6890

Trichromacy



Original Color

215.8050, 23.3790, 22.3470



Protanomaly

213.9870, 2.0150, 13.0470



Deuteranomaly

214.1300, 11.9180, 15.2940



Tritanomaly

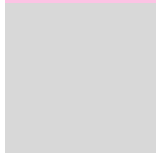
215.5400, 25.4430, 17.9790

Monochromacy



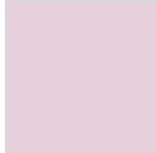
Original Color

215.8050, 23.3790, 22.3470



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.8050, 23.3790, 22.3470 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(252, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 228)  
}
```

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(252, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 228) }
```

Border

The CSS property to change the border of an element to YIQ 215.8050, 23.3790, 22.3470 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(252, 195, 228) }
```


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

```
.border{ border-color:rgb(252, 195, 228) }
```

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

Here you see how a box with a 4 pixel rgb(252, 195, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 215.8050, 23.3790, 22.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 228) }
```

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

```
.background{ background-color: rgb(252,  
195, 228) }
```

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