

Converting Colors

YIQ(203.5960, 23.0100, 34.5460)

Have a look what the booklet for
YIQ(203.5960, 23.0100, 34.5460)
contains.

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Color

**YIQ(203.5960, 23.0100,
34.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AFED
RGB	247, 175, 237
RGB Percent	97%, 69%, 93%
CMY	0.0312, 0.3138, 0.0705
CMYK	0.00, 0.29, 0.04, 0.03
HSL	308°, 82%, 83%
HSV	308°, 29%, 97%
XYZ	68.9884, 56.5472, 87.4078
YIQ	203.5960, 23.0100, 34.5460

Conversions

Conversions Part 2

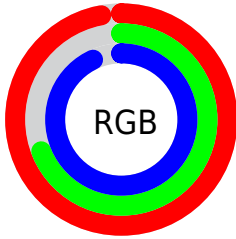
Format	Color
R _Y B	247, 175, 237
Decimal	16232429
CIE Lab	79.92, 35.88, -20.49
CIE LCh	80, 41.320, 330.270
Yxy	56.5472, 0.3240, 0.2656
Android (android.graphics.Color)	4294422509 (0xFFF7AFED)
YUV	203.5960, 16.4682, 38.0653
Hunter-Lab	75.1979, 32.1642, -16.2785

Details

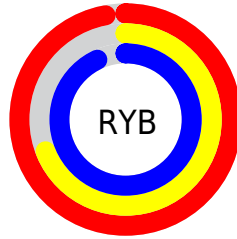
The YIQ color $203.5960, 23.0100, 34.5460$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $218.4040, -23.0100, -34.5460$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $148.4710, 21.8640, 33.2880$ is the 20% darker color. If you saturate the color by 10%, you get $188.5790, 30.8480, 46.6880$, and if you desaturate by 10%, it is $218.6130, 15.1720, 22.4040$.

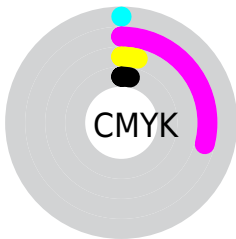
Distribution



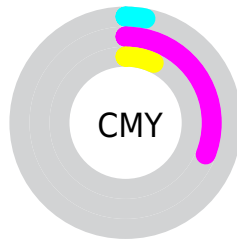
- Red (97%)
- Green (69%)
- Blue (93%)



- Red (97%)
- Yellow (69%)
- Blue (93%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (3%)




- Cyan (3%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.5960, 23.0100, 34.5460 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 203.5960, 23.0100, 34.5460 by changing the saturation by 10% instead.


 203.5960, 23.0100,
34.5460

 203.5960, 23.0100,
34.5460


255.0000, -0.0000,
-0.0000


 175.8840, 22.1390,
33.8110


 240.9120, 6.6000,
12.5520

 148.4710, 21.8640,
33.2880

 122.3460, 20.7180,
32.0300

 96.6340, 19.8470,
31.2950

 71.3350, 19.2510,
31.0830

 46.7370, 18.0590,
30.6590

 24.0250, 17.1880,

29.9240

■ 15.5370, 12.3300,
18.8420

■ 0.9120, -2.5680,
2.4880

■ 203.5960, 23.0100,
34.5460

■ 203.5960, 23.0100,
34.5460

■ 188.5790, 30.8480,
46.6880

■ 218.6130, 15.1720,
22.4040

■ 174.0350, 38.7320,
57.9960

■ 233.1570, 7.2880,
11.0960

■ 159.0180, 46.5700,
70.1380

■ 248.1740, -0.5500,
-1.0460

■ 143.8870, 54.7290,
81.9690

■ 252.1520, -3.4840,
-2.9400

■ 128.8700, 62.5670,
94.1110

■ 252.4940, -4.4470,
-2.0070

■ 114.3260, 70.4510,
105.4190

■ 252.6080, -4.7680,
-1.6960

■ 99.3090, 78.2890,
117.5610

■ 98.1350, 78.8390,
118.6070

Harmonies

Analogous

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



200.1230, -12.5670, 24.0170



203.5960, 23.0100, 34.5460



197.5470, 41.9010, 28.0850

Triad

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



203.5960, 23.0100, 34.5460



195.4090, 40.4880, -17.9120



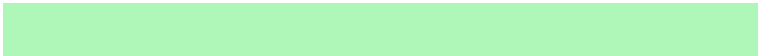
166.8300, -111.8660, -32.1380

Complementary

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



203.5960, 23.0100, 34.5460



218.4040, -23.0100, -34.5460

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.



176.7250, -72.2060, -35.0380



203.5960, 23.0100, 34.5460



191.0460, 10.4130, -29.0350

Square

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



203.5960, 23.0100, 34.5460



198.7140, 59.2830, -0.5970



185.2940, -28.5120, -33.9520



176.2380, -94.8590, -15.4590

Rectangle

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



203.5960, 23.0100, 34.5460



195.1700, 49.9720, 19.4760



185.2940, -28.5120, -33.9520



169.3380, -101.7330, -34.0610

Sweetspot

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



203.5960, 23.0100, 34.5460



241.1570, 7.2880, 11.0960



186.1980, -17.1520, 24.5120



118.9670, 4.7670, 7.2230



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.



203.5960, 23.0100, 34.5460



201.3890, 28.3270, 42.8150



199.4920, 34.5660, 23.3500



114.8420, 3.6210, 5.9650



73.8540, 59.4960, 89.1920



23.3410, 19.1140, 28.0580

Inverse Universe

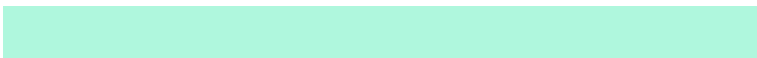
The Inverse Universe completely reimagines the original color for something new.



203.5960, 23.0100, 34.5460



201.3890, 28.3270, 42.8150



222.5080, -34.5660, -23.3500



114.8420, 3.6210, 5.9650



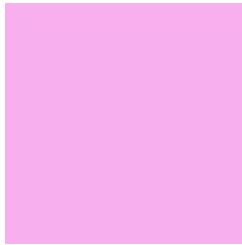
73.8540, 59.4960, 89.1920



23.3410, 19.1140, 28.0580

Previews

White Background



This preview shows how the YIQ color 203.5960, 23.0100, 34.5460 looks on a white background.

Color Contrast Check

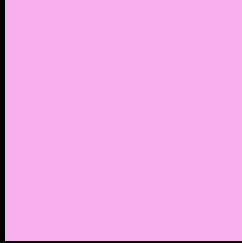
Large Text (above 18pt) WCAG AA × Fail

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 203.5960, 23.0100, 34.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

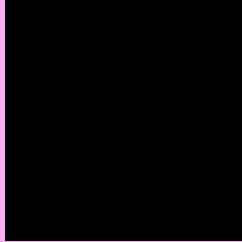
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.5960, 23.0100, 34.5460

Background



This preview shows how black text looks on a background with the YIQ color 203.5960, 23.0100, 34.5460.



This preview shows how white text looks on a background with the YIQ color 203.5960, 23.0100,

34.5460.

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

203.5960, 23.0100, 34.5460

Protanopia

199.0950, -24.5320, 15.0840

Deuteranopia

200.5390, -8.3470, 13.6130



Tritanopia

202.2370, 30.6700, 16.8620

Trichromacy



Original Color

203.5960, 23.0100, 34.5460



Protanomaly

200.7060, -7.0190, 22.5890



Deuteranomaly

201.6270, 3.3890, 21.1890



Tritanomaly

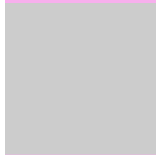
202.7840, 27.8720, 23.5200

Monochromacy



Original Color

203.5960, 23.0100, 34.5460



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.6950, 8.7090, 12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5960, 23.0100, 34.5460 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(247, 175, 237)` looks like.

```
.text, #text, p{  
    color:rgb(247, 175, 237)  
}
```

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(247, 175, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 175, 237) }
```

Border

The CSS property to change the border of an element to YIQ 203.5960, 23.0100, 34.5460 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(247, 175, 237) }
```


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

```
.border{ border-color:rgb(247, 175, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 175, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 175, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 175, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 175,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5960, 23.0100, 34.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 175, 237) }
```

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

```
.background{ background-color: rgb(247,  
175, 237) }
```

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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