

Converting Colors

YIQ(203.6100, 20.3950, 43.3950)

Have a look what the booklet for
YIQ(203.6100, 20.3950, 43.3950)
contains.

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Color

**YIQ(203.6100, 20.3950,
43.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAAFF
RGB	250, 170, 255
RGB Percent	98%, 67%, 100%
CMY	0.0194, 0.3334, 0.0000
CMYK	0.02, 0.33, 0.00, 0.00
HSL	297°, 100%, 83%
HSV	297°, 33%, 100%
XYZ	71.8650, 56.2924, 101.6856
YIQ	203.6100, 20.3950, 43.3950

Conversions

Conversions Part 2

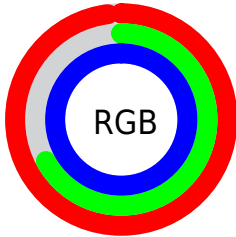
Format	Color
R _Y B	250, 170, 255
Decimal	16427775
CIE Lab	79.78, 42.66, -30.35
CIE LCh	80, 52.360, 324.569
Yxy	56.2924, 0.3127, 0.2449
Android (android.graphics.Color)	4294617855 (0xFFFAAFF)
YUV	203.6100, 25.3353, 40.6840
Hunter-Lab	75.0283, 39.6750, -27.8358

Details

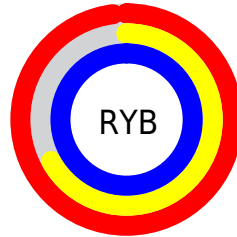
The YIQ color $203.6100, 20.3950, 43.3950$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $221.3900, -20.3950, -43.3950$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $148.0720, 18.9740, 41.6140$ is the 20% darker color. If you saturate the color by 10%, you get $188.0490, 26.9490, 56.7810$, and if you desaturate by 10%, it is $218.8830, 14.7120, 30.7440$.

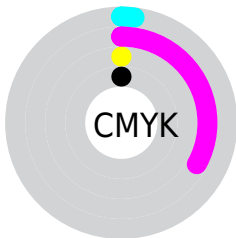
Distribution



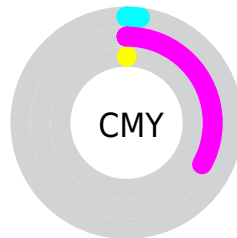
- Red (98%)
- Green (67%)
- Blue (100%)



- Red (98%)
- Yellow (67%)
- Blue (100%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.6100, 20.3950, 43.3950 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 203.6100, 20.3950, 43.3950 by changing the saturation by 10% instead.


 203.6100, 20.3950,
43.3950


 203.6100, 20.3950,
43.3950


255.0000, -0.0000,
-0.0000


 175.7840, 19.8450,
42.3490


 237.9770, 7.9750,
15.1670

 148.0720, 18.9740,
41.6140

 121.3600, 18.1030,
40.8790

 95.5340, 17.5530,
39.8330

 70.1210, 17.2780,
39.3100

 42.4740, 17.7820,
41.1900

 25.5070, 13.0150,

33.9670

■ 17.0190, 8.1570,
22.8850

■ 3.3230, -7.9790,
6.9410

■ 203.6100, 20.3950,
43.3950

■ 203.6100, 20.3950,
43.3950

■ 188.0490, 26.9490,
56.7810

■ 218.8830, 14.7120,
30.7440

■ 172.7760, 32.6320,
69.4320

■ 234.4440, 8.1580,
17.3580

■ 157.2150, 39.1860,
82.8180

■ 249.7170, 2.4750,
4.7070

■ 141.9420, 44.8690,
95.4690

■ 255.0000, -0.0000,
-0.0000

■ 126.3810, 51.4230,
108.8550

■ 111.1080, 57.1060,
121.5060

■ 100.8300, 61.1850,
130.1850

Harmonies

Analogous

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



195.6380, -21.5070, 20.8370



203.6100, 20.3950, 43.3950



192.8170, 41.4410, 36.4250

Triad

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



203.6100, 20.3950, 43.3950



194.2550, 55.4810, -19.8070



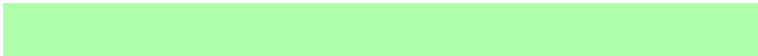
157.3320, -137.1270, -42.3990

Complementary

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



203.6100, 20.3950, 43.3950



221.3900, -20.3950, -43.3950

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.



160.3030, -103.7930, -51.8010



203.6100, 20.3950, 43.3950



189.5060, 20.5010, -35.6510

Square

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



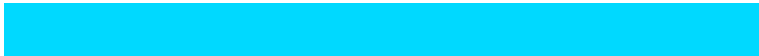
203.6100, 20.3950, 43.3950



192.0630, 65.6100, 0.3780



181.7960, -27.4100, -42.9140



156.4490, -141.5300, -34.1860

Rectangle

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



203.6100, 20.3950, 43.3950



189.0550, 52.0340, 26.1620



181.7960, -27.4100, -42.9140



156.0950, -132.2660, -47.8980

Sweetspot

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



203.6100, 20.3950, 43.3950



240.0260, 6.2790, 12.8630



183.2120, -28.9350, 23.2970



118.3090, 3.8040, 8.1560



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.



203.6100, 20.3950, 43.3950



193.3320, 24.4740, 52.0740



200.8870, 35.2520, 32.9480



120.0700, 2.9790, 6.5870



75.5940, 45.9690, 97.5610



25.2360, 15.2160, 32.6240

Inverse Universe

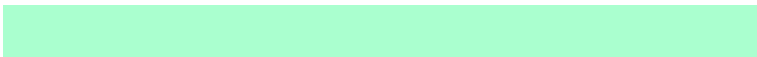
The Inverse Universe completely reimagines the original color for something new.



195.9850, 49.0550, 19.5750



184.1820, 58.8660, 23.4900



224.1130, -35.2520, -32.9480



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 203.6100, 20.3950, 43.3950 looks on a white background.

Color Contrast Check

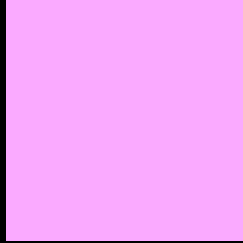
Large Text (above 18pt) WCAG AA × Fail

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 203.6100, 20.3950, 43.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

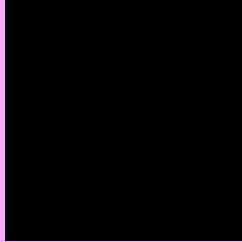
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.6100, 20.3950, 43.3950

Background



This preview shows how black text looks on a background with the YIQ color 203.6100, 20.3950, 43.3950.



This preview shows how white text looks on a background with the YIQ color 203.6100, 20.3950,

43.3950.

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

203.6100, 20.3950, 43.3950

Protanopia

198.5400, -27.2830, 15.3810

Deuteranopia

199.1880, -20.3600, 16.5680



Tritanopia

201.5360, 31.2660, 17.0740

Trichromacy



Original Color

203.6100, 20.3950, 43.3950



Protanomaly

200.7320, -9.9080, 25.3880



Deuteranomaly

200.7110, -5.4150, 26.5610



Tritanomaly

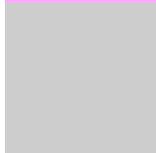
202.4790, 27.4130, 26.3330

Monochromacy



Original Color

203.6100, 20.3950, 43.3950



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

204.2050, 7.3330, 15.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.6100, 20.3950, 43.3950 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(250, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 170, 255)  
}
```

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(250, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 170, 255) }
```

Border

The CSS property to change the border of an element to YIQ 203.6100, 20.3950, 43.3950 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(250, 170, 255) }
```


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

```
.border{ border-color:rgb(250, 170, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 170,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 203.6100, 20.3950, 43.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 170, 255) }
```

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

```
.background{ background-color: rgb(250,  
170, 255) }
```

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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