

Converting Colors

XYZ(59.9457, 43.4004, 55.2435)

Have a look what the booklet for
XYZ(59.9457, 43.4004, 55.2435)
contains.

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Color

**XYZ(59.9870, 43.5310,
55.1098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BC0
RGB	255, 139, 192
RGB Percent	100%, 55%, 75%
CMY	0.0000, 0.4549, 0.2471
CMYK	0.00, 0.45, 0.25, 0.00
HSL	333°, 100%, 77%
HSV	333°, 45%, 100%
XYZ	59.9870, 43.5310, 55.1098
YIQ	179.7260, 52.1230, 41.0750

Conversions

Conversions Part 2

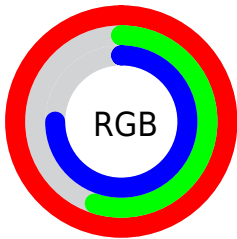
Format	Color
R_{YB}	255, 139, 192
Decimal	16747456
CIE _{Lab}	71.91, 49.95, -7.81
CIE _{LCh}	72, 50.555, 351.112
Yxy	43.5310, 0.3782, 0.2744
Android (android.graphics.Color)	4294937536 (0xFFFF8BC0)
YUV	179.7260, 6.0511, 66.0153
Hunter-Lab	65.9780, 46.8301, -3.3388

Details

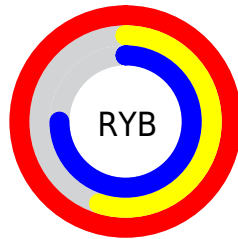
The XYZ color **59.9870, 43.5310, 55.1098** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.0700, 81.2741, 68.5605**, and the grayscale version is **43.1858, 45.4349, 49.4786**.

A 20% lighter version of the original color is **77.6984, 67.0675, 97.6571**, and **30.6737, 20.0968, 26.6885** is the 20% darker color. If you saturate the color by 10%, you get **55.2529, 36.4041, 46.3136**, and if you desaturate by 10%, it is **65.7288, 52.4417, 64.9554**.

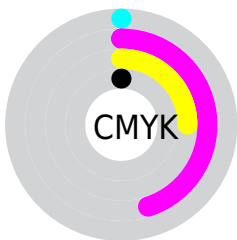
Distribution



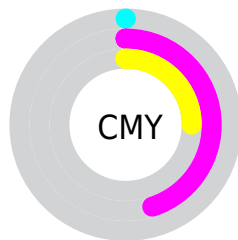
- Red (100%)
- Green (55%)
- Blue (75%)



- Red (100%)
- Yellow (55%)
- Blue (75%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9870, 43.5310, 55.1098 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 XYZ color 59.9870, 43.5310, 55.1098 by changing the saturation by 10% instead.


 59.9870, 43.5310,
55.1098


 59.9870, 43.5310,
55.1098


414.3854,
360.7910, 423.6217


 43.6576, 30.3020,
39.0904

 103.9173, 80.5115,
99.1746

 30.5982, 20.0679,
26.5217


 132.2488,
105.0319, 128.0571

 20.4434, 12.4444,
16.9851


 165.3118,
134.0847, 162.0644

 12.8279, 7.0471,
10.0620

203.4715,
168.0545, 201.6150

 7.3863, 3.4916,
5.3340

247.0934,
207.3256, 247.1275

 3.7533, 1.3934,
2.3824

296.5428,

 1.5635, 0.2119,

252.2825, 299.0204

0.7768

352.1850,
303.3095, 357.7123

■ 0.3685, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9870, 43.5310,
55.1098

■ 59.9870, 43.5310,
55.1098

■ 55.2529, 36.4041,
46.3136

■ 65.7288, 52.4417,
64.9554

■ 51.4584, 30.9318,
38.5230

■ 72.5336, 63.2414,
75.8862

■ 48.5318, 26.9772,
31.6943

■ 80.4565, 76.0342,
87.9391

■ 46.3886, 24.3783,
25.7779

■ 89.5477, 90.9148,
101.1483

■ 44.9252, 22.9350, 95.0500, 100.0000,
20.7166 108.9000

■ 44.4217, 22.5327,
18.6845

Harmonies

Analogous

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



55.6493, 43.5310, 83.8416



59.9870, 43.5310, 55.1098



58.8255, 43.5310, 32.2858

Triad

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



59.9870, 43.5310, 55.1098



35.6924, 43.5310, 15.4934



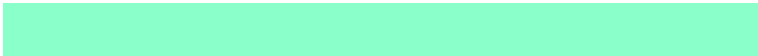
31.8251, 43.5310, 94.7253

Complementary

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



59.9870, 43.5310, 55.1098



57.0700, 81.2741, 68.5605

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.



27.7696, 43.5310, 66.6141



59.9870, 43.5310, 55.1098



29.7775, 43.5310, 23.4230

Square

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



59.9870, 43.5310, 55.1098



43.9867, 43.5310, 14.2859



27.0758, 43.5310, 40.4412



38.8686, 43.5310, 111.3903

Rectangle

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



59.9870, 43.5310, 55.1098



55.1476, 43.5310, 22.5530



27.0758, 43.5310, 40.4412



30.1104, 43.5310, 85.9202

Sweetspot

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



59.9881, 43.5331, 55.1106



81.7336, 78.1132, 89.8299



51.3361, 38.0867, 99.2535



17.0996, 16.0772, 18.6420



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.9881, 43.5331, 55.1106



55.4614, 36.7122, 46.7187



55.7042, 42.7312, 29.7408



18.3545, 18.1251, 20.4840



23.2845, 11.8031, 10.1487



2.3215, 1.1710, 1.2742

Inverse Universe

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



59.9881, 43.5331, 55.1106



55.4614, 36.7122, 46.7187



63.2375, 81.7874, 107.0613



18.3545, 18.1251, 20.4840



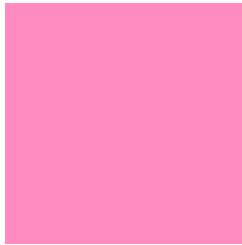
23.2845, 11.8031, 10.1487



2.3215, 1.1710, 1.2742

Previews

White Background



This preview shows how the XYZ color 59.9870, 43.5310, 55.1098 looks on a white background.

Color Contrast Check

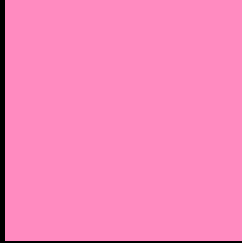
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.9870, 43.5310, 55.1098 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](#).

XYZ 59.9870, 43.5310, 55.1098

Background



This preview shows how black text looks on a background with the XYZ color 59.9870, 43.5310, 55.1098.



This preview shows how white text looks on a background with the XYZ color 59.9870, 43.5310,

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

59.9870, 43.5310, 55.1098

Protanopia

43.7442, 43.8911, 70.4562

Deuteranopia

44.4121, 43.4898, 52.5080



Tritanopia

56.4245, 43.6535, 36.9046

Trichromacy



Original Color

59.9870, 43.5310, 55.1098



Protanomaly

48.0022, 42.6250, 64.7289



Deuteranomaly

48.9158, 42.5732, 53.2163



Tritanomaly

57.4919, 43.3921, 42.8815

Monochromacy



Original Color

59.9870, 43.5310, 55.1098



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.8390, 43.6364, 51.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9870, 43.5310, 55.1098 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(255, 139, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 192)  
}
```

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(255, 139, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.9870, 43.5310, 55.1098 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(255, 139, 192) }
```


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

```
.border{ border-color:rgb(255, 139, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9870, 43.5310, 55.1098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 192) }
```

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

```
.background{ background-color: rgb(255,  
139, 192) }
```

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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