

Converting Colors

XYZ(96.6440, 64.5364, 45.0947)

Have a look what the booklet for
XYZ(96.6440, 64.5364, 45.0947)
contains.

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Color

**XYZ(58.8352, 44.9920,
43.1195)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93A9
RGB	255, 147, 169
RGB Percent	100%, 58%, 66%
CMY	0.0000, 0.4235, 0.3373
CMYK	0.00, 0.42, 0.34, 0.00
HSL	348°, 100%, 79%
HSV	348°, 42%, 100%
XYZ	58.8352, 44.9920, 43.1195
YIQ	181.8000, 57.3060, 29.7380

Conversions

Conversions Part 2

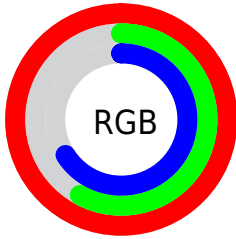
Format	Color
R _Y B	255, 147, 169
Decimal	16749481
CIE _{Lab}	72.89, 42.99, 6.38
CIE _{LCh}	73, 43.463, 8.444
Yxy	44.9920, 0.4004, 0.3062
Android (android.graphics.Color)	4294939561 (0xFFFF93A9)
YUV	181.8000, -6.3104, 64.1964
Hunter-Lab	67.0761, 39.1866, 8.8390

Details

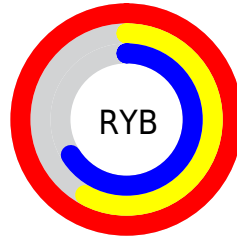
The XYZ color **58.8352, 44.9920, 43.1195** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5026, 83.6072, 89.9387**, and the grayscale version is **44.3672, 46.6777, 50.8320**.

A 20% lighter version of the original color is **76.0505, 69.3537, 79.8993**, and **29.9785, 21.0255, 19.3079** is the 20% darker color. If you saturate the color by 10%, you get **53.5396, 37.2184, 32.6681**, and if you desaturate by 10%, it is **65.3079, 54.6458, 55.4250**.

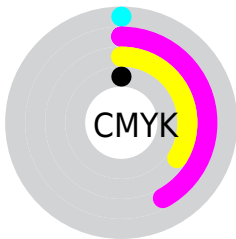
Distribution



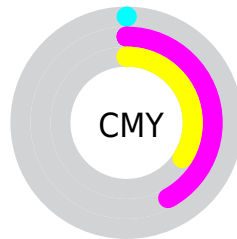
- Red (100%)
- Green (58%)
- Blue (66%)



- Red (100%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8352, 44.9920, 43.1195 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 58.8352, 44.9920, 43.1195 by changing the saturation by 10% instead.


 58.8352, 44.9920,
43.1195


 58.8352, 44.9920,
43.1195


410.1948,
366.7412, 375.0386

 42.7263, 31.4511,
29.6468


 102.2541, 82.7084,
81.1795

 29.8640, 20.9426,
19.3209


 130.2948,
107.6527, 106.6038

 19.8830, 13.0821,
11.7232

163.0436,
137.1670, 136.8490

 12.4178, 7.4851,
6.4353

200.8657,
171.6356, 172.3338

 7.1031, 3.7673,
3.0385

244.1265,
211.4429, 213.4766

 3.5736, 1.5442,
1.1143

293.1914,

 1.4638, 0.3196,

256.9733, 260.6960

0.0000

348.4257,
308.6113, 314.4105

■ 0.3010, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8352, 44.9920,
43.1195

■ 58.8352, 44.9920,
43.1195

■ 53.5396, 37.2184,
32.6681

■ 65.3079, 54.6458,
55.4250

■ 49.3454, 31.1957,
23.9768

■ 73.0205, 66.2852,
69.6668

■ 46.1731, 26.7884,
16.9471

■ 82.0351, 80.0153,
85.9254

■ 43.9308, 23.8381,
11.4695

■ 92.4088, 95.9320,
104.2758

■ 42.5088, 22.1540, 95.0500, 100.0000,
7.4198 108.9000

■ 41.8583, 21.5073,
5.1862

Harmonies

Analogous

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



57.7776, 44.9920, 65.9536



58.8352, 44.9920, 43.1195



55.2049, 44.9920, 27.3749

Triad

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



58.8352, 44.9920, 43.1195



34.3381, 44.9920, 23.0582



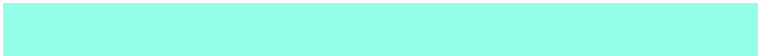
37.6362, 44.9920, 98.8781

Complementary

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



58.8352, 44.9920, 43.1195



62.5026, 83.6072, 89.9387

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.



32.3477, 44.9920, 79.7416



58.8352, 44.9920, 43.1195



30.6057, 44.9920, 35.2151

Square

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



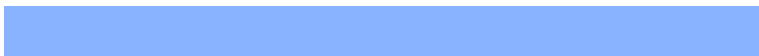
58.8352, 44.9920, 43.1195



40.6618, 44.9920, 18.2444



29.9227, 44.9920, 55.3676



44.9364, 44.9920, 102.8647

Rectangle

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



58.8352, 44.9920, 43.1195



50.8410, 44.9920, 21.3635



29.9227, 44.9920, 55.3676



35.5904, 44.9920, 93.7806

Sweetspot

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



58.8363, 44.9942, 43.1204



81.4087, 79.0578, 84.8063



61.6343, 45.1787, 100.0796



16.9785, 16.2401, 17.3524



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.



58.8363, 44.9942, 43.1204



54.1887, 38.1631, 33.9745



62.3489, 55.0506, 34.9462



18.1606, 18.0476, 19.4631



21.9142, 11.2550, 2.9326



2.1707, 1.1106, 0.4802

Inverse Universe

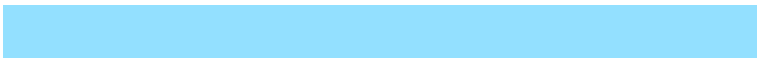
The Inverse Universe completely reimagines the original color for something new.



58.8363, 44.9942, 43.1204



54.1887, 38.1631, 33.9745



56.8477, 66.9513, 104.5344



18.1606, 18.0476, 19.4631



21.9142, 11.2550, 2.9326



2.1707, 1.1106, 0.4802

Previews

White Background



This preview shows how the XYZ color 58.8352, 44.9920, 43.1195 looks on a white background.

Color Contrast Check

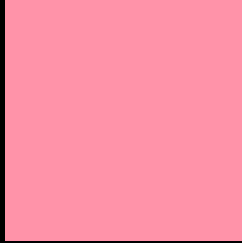
Large Text (above 18pt) WCAG AA × Fail

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 58.8352, 44.9920, 43.1195 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 58.8352, 44.9920, 43.1195

Background



This preview shows how black text looks on a background with the XYZ color 58.8352, 44.9920, 43.1195.



This preview shows how white text looks on a background with the XYZ color 58.8352, 44.9920,

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

58.8352, 44.9920, 43.1195

Protanopia

43.7124, 45.1319, 53.4212

Deuteranopia

46.0922, 45.1603, 41.8848



Tritanopia

57.9657, 45.1038, 38.9085

Trichromacy



Original Color

58.8352, 44.9920, 43.1195



Protanomaly

47.7891, 44.1981, 49.1924



Deuteranomaly

49.9772, 44.6762, 42.0657



Tritanomaly

58.0738, 44.8950, 40.2551

Monochromacy



Original Color

58.8352, 44.9920, 43.1195



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.4183, 45.1056, 47.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8352, 44.9920, 43.1195 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, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 169)  
}
```

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, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 169) }
```

Border

The CSS property to change the border of an element to XYZ 58.8352, 44.9920, 43.1195 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, 147, 169) }
```


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

```
.border{ border-color:rgb(255, 147, 169) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8352, 44.9920, 43.1195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 169) }
```

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

```
.background{ background-color: rgb(255,  
147, 169) }
```

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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