

Converting Colors

XYZ(78.2565, 52.6011, 56.7242)

Have a look what the booklet for
XYZ(78.2565, 52.6011, 56.7242)
contains.

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Color

**XYZ(59.8113, 43.0016,
55.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	FF89C1
RGB	255, 137, 193
RGB Percent	100%, 54%, 76%
CMY	0.0000, 0.4627, 0.2431
CMYK	0.00, 0.46, 0.24, 0.00
HSL	332°, 100%, 77%
HSV	332°, 46%, 100%
XYZ	59.8113, 43.0016, 55.5998
YIQ	178.6660, 52.3520, 42.4320

Conversions

Conversions Part 2

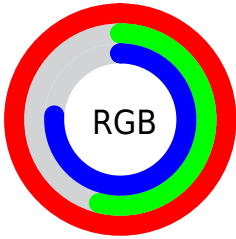
Format	Color
R _Y B	255, 137, 193
Decimal	16746945
CIE Lab	71.56, 51.07, -8.90
CIE LCh	72, 51.841, 350.115
Yxy	43.0016, 0.3776, 0.2715
Android (android.graphics.Color)	4294937025 (0xFFFF89C1)
YUV	178.6660, 7.0667, 66.9449
Hunter-Lab	65.5756, 48.0520, -4.3675

Details

The XYZ color **59.8113, 43.0016, 55.5998** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.3872, 80.9628, 66.6921**, and the grayscale version is **42.6154, 44.8347, 48.8250**.

A 20% lighter version of the original color is **77.4088, 66.2395, 98.3281**, and **30.5184, 19.7864, 26.6367** is the 20% darker color. If you saturate the color by 10%, you get **55.1776, 36.0189, 47.0119**, and if you desaturate by 10%, it is **65.4390, 51.7553, 65.1882**.

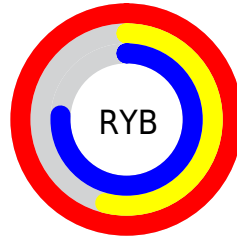
Distribution



Red (100%)

Green (54%)

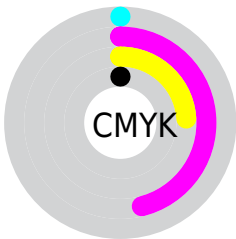
Blue (76%)



Red (100%)

Yellow (54%)

Blue (76%)

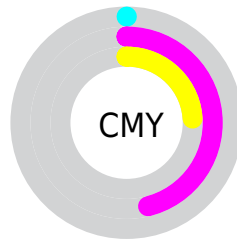


Cyan (0%)

Magenta (46%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8113, 43.0016, 55.5998 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 59.8113, 43.0016, 55.5998 by changing the saturation by 10% instead.


 59.8113, 43.0016,
55.5998


 59.8113, 43.0016,
55.5998


413.7478,
358.6183, 425.5274


 43.5154, 29.8864,
39.4803


 103.6638, 79.7133,
99.8991

 30.4860, 19.7524,
26.8229


 131.9511,
104.0785, 128.9161

 20.3577, 12.2152,
17.2090


 164.9663,
132.9625, 163.0692

 12.7651, 6.8904,
10.2201

203.0747,
166.7497, 202.7772

 7.3429, 3.3936,
5.4376

246.6417,
205.8245, 248.4584

 3.7257, 1.3405,
2.4430

296.0327,

 1.5481, 0.1723,

250.5713, 300.5315

0.8097

351.6129,
301.3744, 359.4150

■ 0.3582, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8113, 43.0016,
55.5998

■ 59.8113, 43.0016,
55.5998

■ 55.1776, 36.0189,
47.0119

■ 65.4390, 51.7553,
65.1882

■ 51.4699, 30.6773,
39.3826

■ 72.1163, 62.3861,
75.8112

■ 48.6161, 26.8385,
32.6702

■ 79.8982, 74.9985,
87.5039

■ 46.5311, 24.3384,
26.8269

■ 88.8348, 89.6876,
100.2989

■ 45.1095, 22.9729, 95.0500, 100.0000,
21.7974 108.9000

■ 44.6918, 22.6407,
20.1072

Harmonies

Analogous

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



55.2060, 43.0016, 85.0644



59.8113, 43.0016, 55.5998



58.8149, 43.0016, 32.1144

Triad

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



59.8113, 43.0016, 55.5998



35.3486, 43.0016, 14.5628



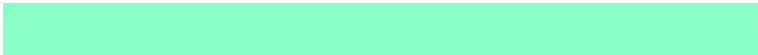
30.9947, 43.0016, 94.4455

Complementary

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



59.8113, 43.0016, 55.5998



56.3872, 80.9628, 66.6921

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.



27.0085, 43.0016, 65.4469



59.8113, 43.0016, 55.5998



29.2620, 43.0016, 22.2013

Square

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



59.8113, 43.0016, 55.5998



43.8318, 43.0016, 13.5645



26.4230, 43.0016, 39.0194



38.0480, 43.0016, 112.2319

Rectangle

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



59.8113, 43.0016, 55.5998



55.1528, 43.0016, 22.1110



26.4230, 43.0016, 39.0194



29.2969, 43.0016, 85.2860

Sweetspot

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



59.8124, 43.0036, 55.6006



81.8253, 78.1499, 90.3128



50.2775, 37.1150, 99.1217



17.1219, 16.0861, 18.7593



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.



59.8124, 43.0036, 55.6006



55.2910, 36.1864, 47.2324



54.9847, 41.5239, 28.7865



18.3683, 18.1306, 20.5565



23.4267, 11.8600, 10.8974



2.3357, 1.1767, 1.3493

Inverse Universe

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



59.8124, 43.0036, 55.6006



55.2910, 36.1864, 47.2324



63.5035, 82.8106, 107.2448



18.3683, 18.1306, 20.5565



23.4267, 11.8600, 10.8974



2.3357, 1.1767, 1.3493

Previews

White Background



This preview shows how the XYZ color 59.8113, 43.0016, 55.5998 looks on a white background.

Color Contrast Check

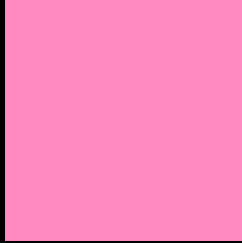
Large Text (above 18pt) WCAG AA × Fail

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 59.8113, 43.0016, 55.5998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

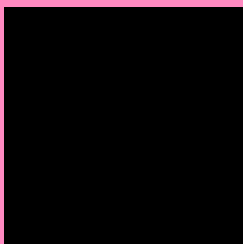
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8113, 43.0016, 55.5998

Background



This preview shows how black text looks on a background with the XYZ color 59.8113, 43.0016, 55.5998.



This preview shows how white text looks on a background with the XYZ color 59.8113, 43.0016,

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

59.8113, 43.0016, 55.5998

Protanopia

43.3863, 43.3888, 71.7338

Deuteranopia

44.0261, 43.2785, 53.0469



Tritanopia

55.6733, 42.8223, 36.3416

Trichromacy



Original Color

59.8113, 43.0016, 55.5998



Protanomaly

47.4187, 42.0496, 65.2916



Deuteranomaly

48.7348, 42.4674, 53.7725



Tritanomaly

56.8312, 42.6098, 42.7653

Monochromacy



Original Color

59.8113, 43.0016, 55.5998



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.6593, 43.2770, 51.1888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8113, 43.0016, 55.5998 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, 137, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 193)  
}
```

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, 137, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.8113, 43.0016, 55.5998 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, 137, 193) }
```


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

```
.border{ border-color:rgb(255, 137, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 137, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8113, 43.0016, 55.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 193) }
```

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

```
.background{ background-color: rgb(255,  
137, 193) }
```

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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