

Converting Colors

XYZ(59.1384, 40.5200, 58.8768)

Have a look what the booklet for
XYZ(59.1384, 40.5200, 58.8768)
contains.

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Color

**XYZ(59.1382, 40.5623,
58.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7FC7
RGB	255, 127, 199
RGB Percent	100%, 50%, 78%
CMY	0.0000, 0.5019, 0.2196
CMYK	0.00, 0.50, 0.22, 0.00
HSL	326°, 100%, 75%
HSV	326°, 50%, 100%
XYZ	59.1382, 40.5623, 58.7452
YIQ	173.4800, 53.1760, 49.5280

Conversions

Conversions Part 2

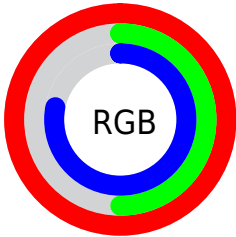
Format	Color
R _Y B	255, 127, 199
Decimal	16744391
CIE Lab	69.87, 56.73, -14.77
CIE LCh	70, 58.624, 345.409
Yxy	40.5623, 0.3732, 0.2560
Android (android.graphics.Color)	4294934471 (0xFFFF7FC7)
YUV	173.4800, 12.5814, 71.4930
Hunter-Lab	63.6885, 54.2918, -10.1061

Details

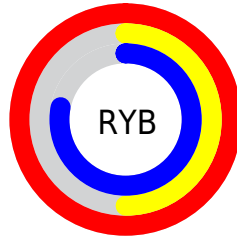
The XYZ color **59.1382, 40.5623, 58.7452** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.0614, 79.4517, 57.3424**, and the grayscale version is **39.8855, 41.9626, 45.6973**.

A 20% lighter version of the original color is **76.2235, 62.3470, 102.6245**, and **30.1931, 18.4148, 28.7511** is the 20% darker color. If you saturate the color by 10%, you get **55.0034, 34.2903, 51.2085**, and if you desaturate by 10%, it is **64.2032, 48.5425, 67.0614**.

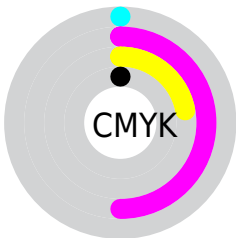
Distribution



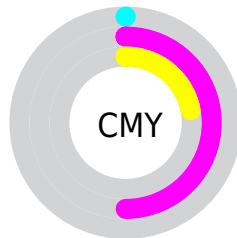
- Red (100%)
- Green (50%)
- Blue (78%)



- Red (100%)
- Yellow (50%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1382, 40.5623, 58.7452 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 59.1382, 40.5623, 58.7452 by changing the saturation by 10% instead.


 59.1382, 40.5623,
58.7452

 59.1382, 40.5623,
58.7452


411.2997,
348.4879, 437.6326


 42.9712, 27.9772,
41.9894


 102.6920, 76.0190,
104.5327

 30.0569, 18.3085,
28.7675

 130.8094, 99.6594,
134.4015

 20.0301, 11.1717,
18.6609


 163.6411,
127.7538, 169.4784

 12.5253, 6.1824,
11.2512

201.5523,
160.6864, 210.1818

 7.1772, 2.9563,
6.1198

244.9084,
198.8418, 256.9304

 3.6205, 1.1090,
2.8481

294.0748,

 1.4898, 0.0000,

242.6042, 310.1427

1.0176

349.4167,
292.3581, 370.2373

■ 0.3189, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1382, 40.5623,
58.7452

■ 59.1382, 40.5623,
58.7452

■ 55.0034, 34.2903,
51.2085

■ 64.2032, 48.5425,
67.0614

■ 51.7296, 29.5917,
44.4171

■ 70.2549, 58.3409,
76.1844

■ 49.2423, 26.3208,
38.3361

■ 77.3484, 70.0648,
86.1423

■ 47.4517, 24.3011,
32.9249

■ 85.5340, 83.8117,
96.9610

■ 46.2308, 23.2563,
28.2111

94.8583, 99.6721,
108.6650

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



53.1260, 40.5623, 92.1871



59.1382, 40.5623, 58.7452



59.0483, 40.5623, 31.6405

Triad

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



59.1382, 40.5623, 58.7452



33.8877, 40.5623, 10.4373



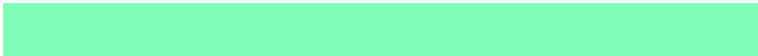
27.0692, 40.5623, 93.0539

Complementary

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



59.1382, 40.5623, 58.7452



53.0614, 79.4517, 57.3424

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.



23.4518, 40.5623, 59.6237



59.1382, 40.5623, 58.7452



26.9236, 40.5623, 16.6228

Square

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



59.1382, 40.5623, 58.7452



43.3550, 40.5623, 10.3634



23.4033, 40.5623, 32.2227



34.1198, 40.5623, 116.8809

Rectangle

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



59.1382, 40.5623, 58.7452



55.4949, 40.5623, 20.2077



23.4033, 40.5623, 32.2227



25.4667, 40.5623, 82.0720

Sweetspot

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



59.1392, 40.5642, 58.7460



81.4600, 76.9456, 91.6517



45.0431, 32.4031, 98.4881



17.0709, 15.8574, 19.1325



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.



59.1392, 40.5642, 58.7460



55.0749, 34.3962, 51.3470



53.2416, 38.2051, 27.6897



18.4373, 18.1582, 20.9200



24.2330, 12.1825, 15.1432



2.4144, 1.2081, 1.7637

Inverse Universe

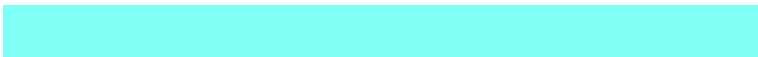
The Inverse Universe completely reimagines the original color for something new.



59.1392, 40.5642, 58.7460



55.0749, 34.3962, 51.3470



61.2198, 82.7151, 100.3042



18.4373, 18.1582, 20.9200



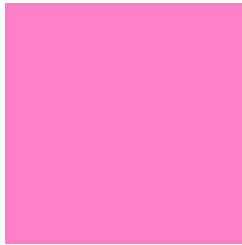
24.2330, 12.1825, 15.1432



2.4144, 1.2081, 1.7637

Previews

White Background



This preview shows how the XYZ color 59.1382, 40.5623, 58.7452 looks on a white background.

Color Contrast Check

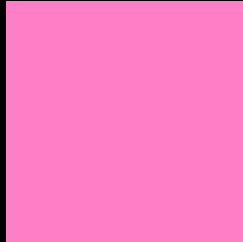
Large Text (above 18pt) WCAG AA × Fail

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 59.1382, 40.5623, 58.7452 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 59.1382, 40.5623, 58.7452

Background



This preview shows how black text looks on a background with the XYZ color 59.1382, 40.5623, 58.7452.



This preview shows how white text looks on a background with the XYZ color 59.1382, 40.5623,

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

59.1382, 40.5623, 58.7452

Protanopia

41.7091, 40.9459, 79.1038

Deuteranopia

41.6932, 40.9082, 55.5678



Tritanopia

53.8581, 40.6391, 33.0225

Trichromacy



Original Color

59.1382, 40.5623, 58.7452



Protanomaly

45.5658, 39.1973, 70.8099



Deuteranomaly

46.5322, 39.5184, 56.8051



Tritanomaly

55.6450, 40.5357, 41.4506

Monochromacy



Original Color

59.1382, 40.5623, 58.7452



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.9606, 39.8508, 49.5783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1382, 40.5623, 58.7452 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, 127, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 199)  
}
```

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, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.1382, 40.5623, 58.7452 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, 127, 199) }
```


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

```
.border{ border-color:rgb(255, 127, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 127, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1382, 40.5623, 58.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 199) }
```

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

```
.background{ background-color: rgb(255,  
127, 199) }
```

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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