

Converting Colors

XYZ(59.6719, 43.3784, 74.3351)

Have a look what the booklet for
XYZ(59.6719, 43.3784, 74.3351)
contains.

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Color

**XYZ(59.6718, 43.3784,
74.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	F38DDE
RGB	243, 141, 222
RGB Percent	95%, 55%, 87%
CMY	0.0471, 0.4470, 0.1294
CMYK	0.00, 0.42, 0.09, 0.05
HSL	312°, 81%, 75%
HSV	312°, 42%, 95%
XYZ	59.6718, 43.3784, 74.3351
YIQ	180.7320, 34.7910, 46.8150

Conversions

Conversions Part 2

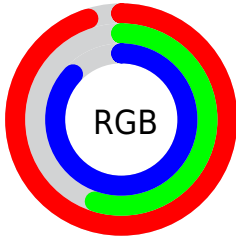
Format	Color
R _Y B	243, 141, 222
Decimal	15961566
CIE Lab	71.81, 49.64, -24.71
CIE LCh	72, 55.448, 333.538
Yxy	43.3784, 0.3364, 0.2445
Android (android.graphics.Color)	4294151646 (0xFFFF38DDE)
YUV	180.7320, 20.3451, 54.6090
Hunter-Lab	65.8623, 46.4636, -20.8137

Details

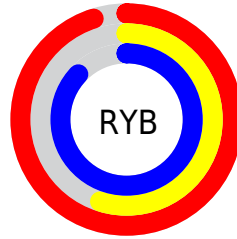
The XYZ color **59.6718, 43.3784, 74.3351** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.5585, 72.3738, 45.5428**, and the grayscale version is **43.6582, 45.9318, 50.0198**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **30.3908, 19.9207, 38.8025** is the 20% darker color. If you saturate the color by 10%, you get **55.8136, 36.7187, 69.7898**, and if you desaturate by 10%, it is **64.3386, 51.6220, 79.2490**.

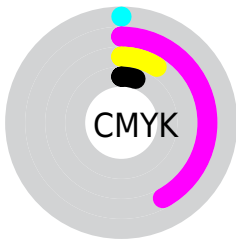
Distribution



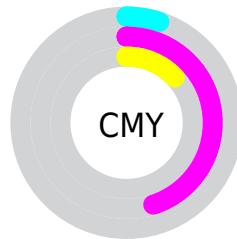
- Red (95%)
- Green (55%)
- Blue (87%)



- Red (95%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6718, 43.3784, 74.3351 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 59.6718, 43.3784, 74.3351 by changing the saturation by 10% instead.

59.6718, 43.3784,
74.3351

59.6718, 43.3784,
74.3351

413.2411,
360.1656, 494.8234

43.4026, 30.1821,
54.5699

103.4625, 80.2816,
127.1091

30.3970, 19.9769,
38.6612

131.7147,
104.7573, 160.9551

20.2897, 12.3782,
26.1905

164.6919,
133.7615, 200.3317

12.7153, 7.0018,
16.7391

202.7595,
167.6788, 245.6575

7.3084, 3.4632,
9.8887

246.2829,
206.8934, 297.3510

3.7038, 1.3781,
5.2206

295.6274,

1.5359, 0.2005,

251.7899, 355.8308

2.3163

351.1584,
302.7525, 421.5154

■ 0.3501, 0.0000,
0.7403

■ 0.0000, 0.0000,
0.0000

■ 59.6718, 43.3784,
74.3351

■ 59.6718, 43.3784,
74.3351

■ 55.8136, 36.7187,
69.7898

■ 64.3386, 51.6220,
79.2490

■ 52.7078, 31.5329,
65.5921

■ 69.8573, 61.5381,
84.5455

■ 50.2974, 27.7065,
61.7228

■ 76.2729, 73.2157,
90.2409

■ 48.5152, 25.1055,
58.1585

■ 83.6262, 86.7359,
96.3494

47.2803, 23.5684,
54.8714

89.5136, 97.2913,
102.0707

46.5846, 22.9037,
52.3993

90.2963, 97.6044,
106.1927

90.7725, 97.7948,
108.6998

Harmonies

Analogous

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



52.0731, 43.3784, 105.0344



59.6718, 43.3784, 74.3351



62.0886, 43.3784, 44.1011

Triad

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



59.6718, 43.3784, 74.3351



40.1218, 43.3784, 12.0627



27.8957, 43.3784, 82.0954

Complementary

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



59.6718, 43.3784, 74.3351



49.5585, 72.3738, 45.5428

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.



25.6599, 43.3784, 50.5070



59.6718, 43.3784, 74.3351



32.0072, 43.3784, 15.8375

Square

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



59.6718, 43.3784, 74.3351



49.8428, 43.3784, 14.3416



27.0427, 43.3784, 27.6760



33.6712, 43.3784, 110.5854

Rectangle

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



59.6718, 43.3784, 74.3351



60.1732, 43.3784, 29.3908



27.0427, 43.3784, 27.6760



26.7488, 43.3784, 71.1349

Sweetspot

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



59.6732, 43.3804, 74.3360



84.2918, 80.2111, 99.9887



40.4833, 33.1419, 89.0580



17.6891, 16.5244, 21.0946



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.



59.6732, 43.3804, 74.3360



63.0019, 42.2113, 78.7719



53.8967, 41.0698, 43.9175



17.0589, 16.7064, 20.0567



25.6175, 12.5904, 29.0236



2.2875, 1.1210, 2.7403

Inverse Universe

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



59.6732, 43.3804, 74.3360



63.0019, 42.2113, 78.7719



54.9709, 74.5388, 74.0440



17.0589, 16.7064, 20.0567



25.6175, 12.5904, 29.0236



2.2875, 1.1210, 2.7403

Previews

White Background



This preview shows how the XYZ color 59.6718, 43.3784, 74.3351 looks on a white background.

Color Contrast Check

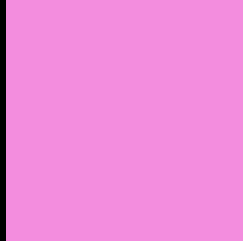
Large Text (above 18pt) WCAG AA × Fail

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 59.6718, 43.3784, 74.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

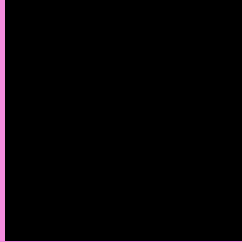
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6718, 43.3784, 74.3351

Background



This preview shows how black text looks on a background with the XYZ color 59.6718, 43.3784, 74.3351.



This preview shows how white text looks on a background with the XYZ color 59.6718, 43.3784,

74.3351.

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

59.6718, 43.3784, 74.3351

Protanopia

45.0970, 43.7959, 93.2654

Deuteranopia

44.5718, 43.7292, 71.0571



Tritanopia

52.6841, 43.2957, 40.7021

Trichromacy



Original Color

59.6718, 43.3784, 74.3351



Protanomaly

48.4561, 42.3942, 85.7497



Deuteranomaly

48.6885, 42.5575, 71.9779



Tritanomaly

55.1010, 43.3484, 51.3619

Monochromacy



Original Color

59.6718, 43.3784, 74.3351



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.5019, 44.0953, 58.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6718, 43.3784, 74.3351 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(243, 141, 222)` looks like.

```
.text, #text, p{  
    color:rgb(243, 141, 222)  
}
```

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(243, 141, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 141, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.6718, 43.3784, 74.3351 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(243, 141, 222) }
```


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

```
.border{ border-color:rgb(243, 141, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 141, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 141, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 141, 222);  
box-shadow:4px 4px 4px 4px rgb(243, 141,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6718, 43.3784, 74.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 141, 222) }
```

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

```
.background{ background-color: rgb(243,  
141, 222) }
```

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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