

Converting Colors

XYZ(58.3340, 41.1362, 74.0718)

Have a look what the booklet for
XYZ(58.3340, 41.1362, 74.0718)
contains.

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Color

**XYZ(58.3279, 41.2014,
73.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	F286DE
RGB	242, 134, 222
RGB Percent	95%, 53%, 87%
CMY	0.0510, 0.4745, 0.1294
CMYK	0.00, 0.45, 0.08, 0.05
HSL	311°, 81%, 74%
HSV	311°, 45%, 95%
XYZ	58.3279, 41.2014, 73.9857
YIQ	176.3240, 36.1200, 50.2640

Conversions

Conversions Part 2

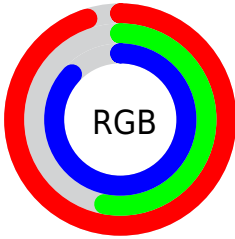
Format	Color
RYB	242, 134, 222
Decimal	15894238
CIELab	70.32, 52.84, -27.01
CIELCh	70, 59.343, 332.928
Yxy	41.2014, 0.3362, 0.2375
Android (android.graphics.Color)	4294084318 (0xFFFF286DE)
YUV	176.3240, 22.5183, 57.5979
Hunter-Lab	64.1883, 49.8733, -23.4079

Details

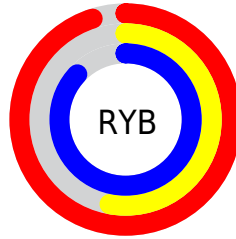
The XYZ color **58.3279, 41.2014, 73.9857** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **47.4182, 70.9071, 41.7619**, and the grayscale version is **41.3101, 43.4614, 47.3295**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **29.6109, 18.7177, 38.6114** is the 20% darker color. If you saturate the color by 10%, you get **54.7654, 35.0243, 69.8740**, and if you desaturate by 10%, it is **62.6742, 48.9191, 78.4382**.

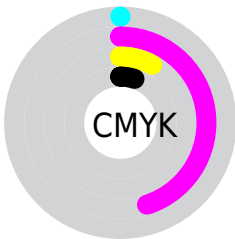
Distribution



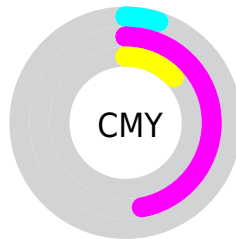
- Red (95%)
- Green (53%)
- Blue (87%)



- Red (95%)
- Yellow (53%)
- Blue (87%)



- Cyan (0%)
- Magenta (45%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3279, 41.2014, 73.9857 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 58.3279, 41.2014, 73.9857 by changing the saturation by 10% instead.

 58.3279, 41.2014,
73.9857


 58.3279, 41.2014,
73.9857

408.3408,
351.1617, 493.5861


 42.3166, 28.4765,
54.2856

 101.5204, 76.9895,
126.6094

 29.5415, 18.6852,
38.4353

 129.4324,
100.8215, 160.3701

 19.6372, 11.4430,
26.0163


 162.0419,
129.1247, 199.6547

 12.2383, 6.3656,
16.6099

199.7144,
162.2834, 244.8819

 6.9795, 3.0687,
9.7978

242.8151,
200.6821, 296.4700

 3.4955, 1.1677,
5.1612

291.7096,

 1.4209, 0.0351,

244.7051, 354.8378

2.2818

346.7630,
294.7368, 420.4036

■ 0.2710, 0.0000,
0.7210

■ 0.0000, 0.0000,
0.0000

■ 58.3279, 41.2014,
73.9857

■ 58.3279, 41.2014,
73.9857

■ 54.7654, 35.0243,
69.8740

■ 62.6742, 48.9191,
78.4382

■ 51.9297, 30.2762,
66.0824

■ 67.8484, 58.2675,
83.2457

■ 49.7625, 26.8399,
62.5912

■ 73.8959, 69.3366,
88.4242

■ 48.1943, 24.5766,
59.3767

■ 80.8576, 82.2080,
93.9881

47.1400, 23.3165,
56.4098

88.7698, 96.9540,
99.9499

46.7174, 22.9171,
54.8946

89.4603, 97.2303,
103.5862

90.1676, 97.5131,
107.3103

90.4284, 97.6175,
108.6837

Harmonies

Analogous

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



50.2552, 41.2014, 106.6638



58.3279, 41.2014, 73.9857



61.0139, 41.2014, 42.1757

Triad

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



58.3279, 41.2014, 73.9857



38.2114, 41.2014, 9.7761



25.4442, 41.2014, 80.8126

Complementary

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



58.3279, 41.2014, 73.9857



47.4182, 70.9071, 41.7619

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.



23.2694, 41.2014, 47.6586



58.3279, 41.2014, 73.9857



29.8325, 41.2014, 13.2110

Square

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



58.3279, 41.2014, 73.9857



48.3229, 41.2014, 12.0345



24.7329, 41.2014, 24.6017



31.2367, 41.2014, 111.6216

Rectangle

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



58.3279, 41.2014, 73.9857



59.0780, 41.2014, 27.0344



24.7329, 41.2014, 24.6017



24.3137, 41.2014, 69.1835

Sweetspot

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



58.3292, 41.2033, 73.9865



84.3986, 80.2538, 100.5509



37.8425, 30.3137, 87.8620



17.7157, 16.5350, 21.2346



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.



58.3292, 41.2033, 73.9865



61.8489, 39.7376, 78.9044



52.2313, 38.7641, 41.8751



16.3214, 15.9783, 19.2485



25.1441, 12.3301, 29.7393



2.1239, 1.0386, 2.6435

Inverse Universe

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



58.3292, 41.2033, 73.9865



61.8489, 39.7376, 78.9044



52.9459, 73.1182, 70.8700



16.3214, 15.9783, 19.2485



25.1441, 12.3301, 29.7393



2.1239, 1.0386, 2.6435

Previews

White Background



This preview shows how the XYZ color 58.3279, 41.2014, 73.9857 looks on a white background.

Color Contrast Check

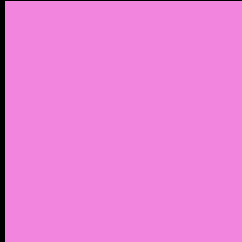
Large Text (above 18pt) WCAG AA × Fail

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 58.3279, 41.2014, 73.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

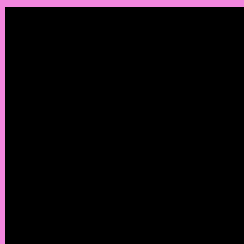
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3279, 41.2014, 73.9857

Background



This preview shows how black text looks on a background with the XYZ color 58.3279, 41.2014, 73.9857.



This preview shows how white text looks on a background with the XYZ color 58.3279, 41.2014,

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

58.3279, 41.2014, 73.9857

Protanopia

43.5062, 41.7920, 95.3962

Deuteranopia

42.5190, 41.5493, 70.7446



Tritanopia

51.1089, 41.3452, 38.0876

Trichromacy



Original Color

58.3279, 41.2014, 73.9857



Protanomaly

46.9284, 40.2910, 86.9649



Deuteranomaly

46.7915, 40.3082, 71.6438



Tritanomaly

53.5259, 41.1995, 49.3871

Monochromacy



Original Color

58.3279, 41.2014, 73.9857



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.1899, 41.6194, 56.0509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3279, 41.2014, 73.9857 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(242, 134, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 134, 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(242, 134, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 134, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.3279, 41.2014, 73.9857 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(242, 134, 222) }
```


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

```
.border{ border-color:rgb(242, 134, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 134, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 134, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 134, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 134,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3279, 41.2014, 73.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 134, 222) }
```

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

```
.background{ background-color: rgb(242,  
134, 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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