

Converting Colors

XYZ(59.7349, 41.7576, 82.2621)

Have a look what the booklet for
XYZ(59.7349, 41.7576, 82.2621)
contains.

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Color

**XYZ(59.5087, 41.6342,
81.9905)**

Conversions

Conversions Part 1

Format	Color
Hex	F186E9
RGB	241, 134, 233
RGB Percent	95%, 53%, 91%
CMY	0.0549, 0.4745, 0.0863
CMYK	0.00, 0.44, 0.03, 0.05
HSL	304°, 79%, 74%
HSV	304°, 44%, 95%
XYZ	59.5087, 41.6342, 81.9905
YIQ	177.2790, 31.9930, 53.4730

Conversions

Conversions Part 2

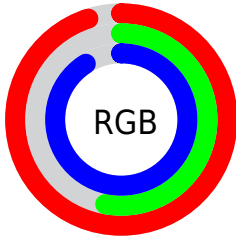
Format	Color
R _Y B	241, 134, 233
Decimal	15828713
CIE Lab	70.62, 54.39, -32.61
CIE LCh	71, 63.419, 329.052
Yxy	41.6342, 0.3249, 0.2273
Android (android.graphics.Color)	4294018793 (0xFFFF186E9)
YUV	177.2790, 27.4705, 55.8833
Hunter-Lab	64.5246, 51.7062, -30.1718

Details

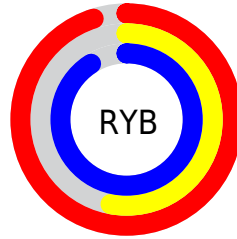
The XYZ color **59.5087, 41.6342, 81.9905** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.1711, 69.9334, 36.6588**, and the grayscale version is **41.7863, 43.9624, 47.8751**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **30.3329, 18.9789, 43.6596** is the 20% darker color. If you saturate the color by 10%, you get **56.2937, 35.6133, 79.6555**, and if you desaturate by 10%, it is **63.4880, 49.1777, 84.5940**.

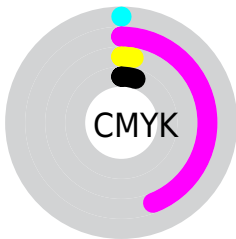
Distribution



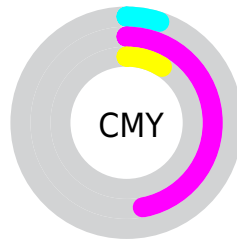
- Red (95%)
- Green (53%)
- Blue (91%)



- Red (95%)
- Yellow (53%)
- Blue (91%)



- Cyan (0%)
- Magenta (44%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5087, 41.6342, 81.9905 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 59.5087, 41.6342, 81.9905 by changing the saturation by 10% instead.


 59.5087, 41.6342,
81.9905


 59.5087, 41.6342,
81.9905


412.6483,
352.9643, 521.4985

 43.2707, 28.8150,
60.8219

 103.2271, 77.6457,
137.9972

 30.2930, 18.9409,
43.6519


 131.4381,
101.6068, 173.6725

 20.2103, 11.6276,
30.0617


 164.3709,
130.0506, 215.0204

 12.6571, 6.4906,
19.6330

202.3908,
163.3615, 262.4595

 7.2682, 3.1456,
11.9471

245.8631,
201.9239, 316.4083

 3.6782, 1.2082,
6.5856

295.1532,

 1.5218, 0.0684,

246.1223, 377.2854

3.1298

350.6265,
296.3409, 445.5093

■ 0.3406, 0.0000,
1.1613

■ 0.0000, 0.0000,
0.0000

■ 59.5087, 41.6342,
81.9905

■ 59.5087, 41.6342,
81.9905

■ 56.2937, 35.6133,
79.6555

■ 63.4880, 49.1777,
84.5940

■ 53.7867, 31.0049,
77.5690


■ 68.2747, 58.3328,
87.4793


■ 51.9301, 27.6933,
75.7122


■ 73.9137, 69.1883,
90.6618


■ 50.6556, 25.5417,
74.0624


■ 80.4454, 81.8249,
94.1549


 49.8798, 24.3832,
72.5915


 87.9076, 96.3181,
97.9712

 49.5927, 24.0277,
71.8221

 88.3369, 96.7413,
99.4565

 88.6116, 96.8512,
100.9034

 88.8891, 96.9622,
102.3645

 89.1692, 97.0743,
103.8397

Harmonies

Analogous

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



50.1946, 41.6342, 116.8799



59.5087, 41.6342, 81.9905



63.3533, 41.6342, 46.2946

Triad

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



59.5087, 41.6342, 81.9905



39.9066, 41.6342, 8.6360



24.4318, 41.6342, 79.5586

Complementary

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



59.5087, 41.6342, 81.9905



46.1711, 69.9334, 36.6588

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.



22.6398, 41.6342, 44.3839



59.5087, 41.6342, 81.9905



30.5651, 41.6342, 11.2691

Square

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



59.5087, 41.6342, 81.9905



50.8746, 41.6342, 11.6510



24.6745, 41.6342, 21.6466



30.0813, 41.6342, 115.0928

Rectangle

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



59.5087, 41.6342, 81.9905



61.8572, 41.6342, 28.9729



24.6745, 41.6342, 21.6466



23.4077, 41.6342, 66.9189

Sweetspot

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



59.5101, 41.6361, 81.9914



84.9749, 80.4843, 103.5855



35.4115, 29.0777, 86.9663



17.8594, 16.5925, 21.9914



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.



59.5101, 41.6361, 81.9914



64.4037, 41.2430, 90.8677



53.0780, 39.0633, 48.1207



16.4003, 16.0098, 19.6640



26.9150, 13.0384, 39.0645



2.2542, 1.0907, 3.3293

Inverse Universe

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



59.5101, 41.6361, 81.9914



64.4037, 41.2430, 90.8677



51.0974, 71.9039, 62.6004



16.4003, 16.0098, 19.6640



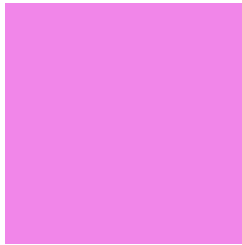
26.9150, 13.0384, 39.0645



2.2542, 1.0907, 3.3293

Previews

White Background



This preview shows how the XYZ color 59.5087, 41.6342, 81.9905 looks on a white background.

Color Contrast Check

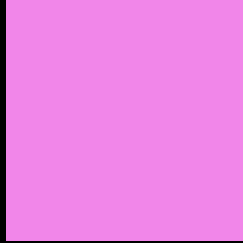
Large Text (above 18pt) WCAG AA × Fail

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 59.5087, 41.6342, 81.9905 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 59.5087, 41.6342, 81.9905

Background



This preview shows how black text looks on a background with the XYZ color 59.5087, 41.6342, 81.9905.



This preview shows how white text looks on a background with the XYZ color 59.5087, 41.6342,

81.9905.

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

59.5087, 41.6342, 81.9905

Protanopia

44.1018, 41.9892, 100.3881

Deuteranopia

42.9378, 41.8726, 78.4922



Tritanopia

50.6181, 41.5417, 39.0687

Trichromacy



Original Color

59.5087, 41.6342, 81.9905



Protanomaly

47.6679, 40.5326, 93.3069



Deuteranomaly

47.4350, 40.7182, 79.4880



Tritanomaly

53.2038, 41.1965, 52.1613

Monochromacy



Original Color

59.5087, 41.6342, 81.9905



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

46.6423, 41.8003, 58.4333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5087, 41.6342, 81.9905 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(241, 134, 233)` looks like.

```
.text, #text, p{  
    color:rgb(241, 134, 233)  
}
```

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(241, 134, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 134, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.5087, 41.6342, 81.9905 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(241, 134, 233) }
```


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

```
.border{ border-color:rgb(241, 134, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 134, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 134, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 134, 233);  
box-shadow:4px 4px 4px 4px rgb(241, 134,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5087, 41.6342, 81.9905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 134, 233) }
```

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

```
.background{ background-color: rgb(241,  
134, 233) }
```

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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