

Converting Colors

XYZ(61.3679, 41.0934, 89.3661)

Have a look what the booklet for
XYZ(61.3679, 41.0934, 89.3661)
contains.

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Color

**XYZ(61.4232, 41.0623,
89.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	F57FF3
RGB	245, 127, 243
RGB Percent	96%, 50%, 95%
CMY	0.0392, 0.5019, 0.0471
CMYK	0.00, 0.48, 0.01, 0.04
HSL	301°, 86%, 73%
HSV	301°, 48%, 96%
XYZ	61.4232, 41.0623, 89.4825
YIQ	175.5060, 33.0920, 61.0920

Conversions

Conversions Part 2

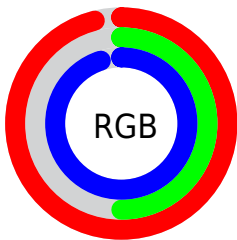
Format	Color
R _Y B	245, 127, 243
Decimal	16089075
CIE Lab	70.22, 60.65, -38.68
CIE LCh	70, 71.933, 327.469
Yxy	41.0623, 0.3200, 0.2139
Android (android.graphics.Color)	4294279155 (0xFFFF57FF3)
YUV	175.5060, 33.2745, 60.9462
Hunter-Lab	64.0799, 58.9598, -37.9379

Details

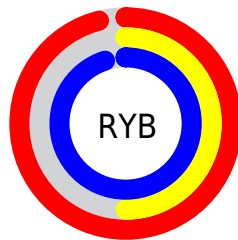
The XYZ color **61.4232, 41.0623, 89.4825** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.3690, 71.4033, 32.1622**, and the grayscale version is **40.8320, 42.9584, 46.7817**.

A 20% lighter version of the original color is **76.2235, 62.3470, 102.6245**, and **31.3659, 18.4908, 48.3703** is the 20% darker color. If you saturate the color by 10%, you get **58.5730, 35.4613, 88.2236**, and if you desaturate by 10%, it is **65.0455, 48.2055, 91.0002**.

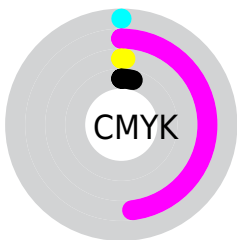
Distribution



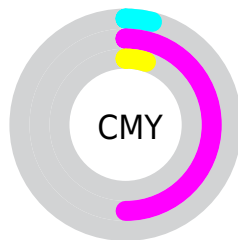
- Red (96%)
- Green (50%)
- Blue (95%)



- Red (96%)
- Yellow (50%)
- Blue (95%)



- Cyan (0%)
- Magenta (48%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4232, 41.0623, 89.4825 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 61.4232, 41.0623, 89.4825 by changing the saturation by 10% instead.


 61.4232, 41.0623,
89.4825

 61.4232, 41.0623,
89.4825

419.5752,
350.5809, 546.8726


 44.8206, 28.3678,
66.9802

 105.9861, 76.7785,
148.5486

 31.5168, 18.6031,
48.6071


 134.6772,
100.5689, 185.9495

 21.1465, 11.3838,
33.9445


 168.1284,
128.8267, 229.1536

 13.3442, 6.3256,
22.5739

206.7052,
161.9363, 278.5796

 7.7446, 3.0441,
14.0769

250.7729,
200.2822, 334.6460

 3.9824, 1.1548,
8.0348

300.6969,

 1.6922, 0.0243,

244.2486, 397.7712

4.0291

356.8426,
294.2201, 468.3739

■ 0.4514, 0.0000,
1.6413

■ 0.0000, 0.0000,
0.3201

■ 61.4232, 41.0623,
89.4825

■ 61.4232, 41.0623,
89.4825

■ 58.5730, 35.4613,
88.2236

■ 65.0455, 48.2055,
91.0002

■ 56.4340, 31.2833,
87.2022


■ 69.4868, 56.9873,
92.7912


■ 54.9431, 28.4013,
86.3974


■ 74.7951, 67.5029,
94.8720


■ 54.0241, 26.6629,
85.7840


■ 81.0136, 79.8387,
97.2568


 53.5714, 25.8569,
85.3267


 88.1825, 94.0751,
99.9591

 53.5111, 25.7545,
85.2503

 89.9735, 97.5555,
100.8695

 90.0372, 97.5809,
101.2048

 90.1010, 97.6065,
101.5409

 90.1650, 97.6321,
101.8777

Harmonies

Analogous

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



50.4433, 41.0623, 130.5599



61.4232, 41.0623, 89.4825



66.3294, 41.0623, 47.6375

Triad

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



61.4232, 41.0623, 89.4825



40.0378, 41.0623, 6.1633



22.1763, 41.0623, 81.8281

Complementary

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



61.4232, 41.0623, 89.4825



45.3690, 71.4033, 32.1622

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.



20.4836, 41.0623, 41.9047



61.4232, 41.0623, 89.4825



29.4803, 41.0623, 8.3088

Square

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



61.4232, 41.0623, 89.4825



52.5280, 41.0623, 9.2775



22.8699, 41.0623, 18.1017



28.0660, 41.0623, 124.7917

Rectangle

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



61.4232, 41.0623, 89.4825



64.8829, 41.0623, 27.9192



22.8699, 41.0623, 18.1017



21.1566, 41.0623, 67.1610

Sweetspot

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



61.4246, 41.0641, 89.4834



84.6025, 79.2608, 104.9375



33.1209, 26.4379, 89.7447



17.8025, 16.3583, 22.3432



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.



61.4246, 41.0641, 89.4834



64.1569, 38.8558, 96.6235



53.9025, 38.0553, 49.8722



17.2008, 16.7632, 20.8040



28.8328, 13.8765, 45.9551



2.5379, 1.2211, 4.0591

Inverse Universe

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



61.4246, 41.0641, 89.4834



64.1569, 38.8558, 96.6235



50.4800, 73.4477, 59.0764



17.2008, 16.7632, 20.8040



28.8328, 13.8765, 45.9551



2.5379, 1.2211, 4.0591

Previews

White Background



This preview shows how the XYZ color 61.4232, 41.0623, 89.4825 looks on a white background.

Color Contrast Check

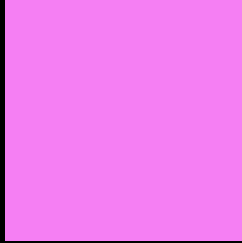
Large Text (above 18pt) WCAG AA × Fail

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 61.4232, 41.0623, 89.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

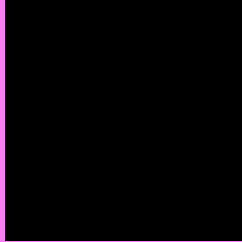
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4232, 41.0623, 89.4825

Background



This preview shows how black text looks on a background with the XYZ color 61.4232, 41.0623, 89.4825.



This preview shows how white text looks on a background with the XYZ color 61.4232, 41.0623,

89.4825.

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

61.4232, 41.0623, 89.4825

Protanopia

43.3933, 41.3467, 100.3014

Deuteranopia

42.3190, 41.4230, 84.3623



Tritanopia

50.8662, 40.9982, 37.5803

Trichromacy



Original Color

61.4232, 41.0623, 89.4825



Protanomaly

47.5586, 39.6599, 96.4153



Deuteranomaly

47.2379, 39.7234, 86.0666



Tritanomaly

54.1600, 40.7810, 53.1611

Monochromacy



Original Color

61.4232, 41.0623, 89.4825



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

46.7396, 41.0414, 60.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4232, 41.0623, 89.4825 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(245, 127, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 127, 243)  
}
```

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(245, 127, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 127, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.4232, 41.0623, 89.4825 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(245, 127, 243) }
```


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

```
.border{ border-color:rgb(245, 127, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 127, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 127, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 127, 243); box-shadow:4px 4px 4px 4px rgb(245, 127, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4232, 41.0623, 89.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 127, 243) }
```

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

```
.background{ background-color: rgb(245,  
127, 243) }
```

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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