

Converting Colors

XYZ(62.9430, 38.4813, 98.7179)

Have a look what the booklet for
XYZ(62.9430, 38.4813, 98.7179)
contains.

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Color

**XYZ(62.9430, 38.4813,
98.7179)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6DFF
RGB	250, 109, 255
RGB Percent	98%, 43%, 100%
CMY	0.0196, 0.5725, 0.0000
CMYK	0.02, 0.57, 0.00, 0.00
HSL	298°, 100%, 71%
HSV	298°, 57%, 100%
XYZ	62.9430, 38.4813, 98.7179
YIQ	167.8030, 37.1700, 75.2980

Conversions

Conversions Part 2

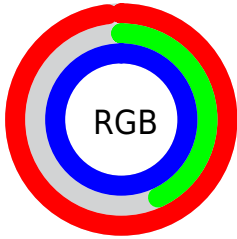
Format	Color
R _Y B	250, 109, 255
Decimal	16412159
CIE Lab	68.37, 72.14, -48.10
CIE LCh	68, 86.704, 326.306
Yxy	38.4813, 0.3145, 0.1923
Android (android.graphics.Color)	4294602239 (0xFFFA6DFF)
YUV	167.8030, 42.9881, 72.0868
Hunter-Lab	62.0333, 72.5594, -50.9290

Details

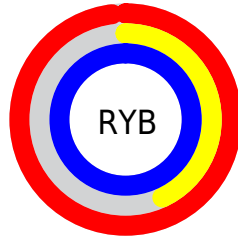
The XYZ color **62.9430, 38.4813, 98.7179** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **45.4607, 76.2020, 26.7823**, and the grayscale version is **36.9078, 38.8299, 42.2857**.

A 20% lighter version of the original color is **73.1087, 56.1174, 101.5862**, and **32.4448, 17.0574, 55.0085** is the 20% darker color. If you saturate the color by 10%, you get **60.2950, 33.6477, 97.9245**, and if you desaturate by 10%, it is **66.3838, 44.8965, 99.7748**.

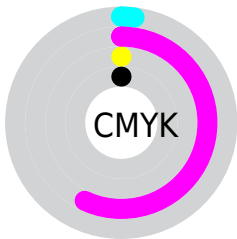
Distribution



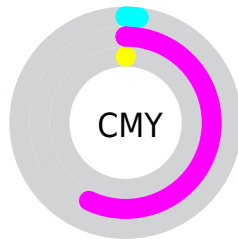
- Red (98%)
- Green (43%)
- Blue (100%)



- Red (98%)
- Yellow (43%)
- Blue (100%)



- Cyan (2%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9430, 38.4813, 98.7179 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 62.9430, 38.4813, 98.7179 by changing the saturation by 10% instead.


 62.9430, 38.4813,
98.7179


 62.9430, 38.4813,
98.7179


425.0255,
339.6801, 577.2858


 46.0536, 26.3565,
74.6193

 108.1695, 72.8452,
161.4306

 32.4929, 17.0905,
54.8012


 137.2374, 95.8531,
200.8819

 21.8956, 10.2990,
38.8451


 171.0954,
123.2575, 246.2878

 13.8964, 5.5977,
26.3323

210.1089,
155.4427, 298.0669

 8.1299, 2.6020,
16.8444

254.6434,
192.7932, 356.6377

 4.2307, 0.9277,
9.9629

305.0640,

 1.8334, 0.0000,

235.6933, 422.4187

5.2691

361.7363,
284.5275, 495.8286

■ 0.5377, 0.0000,
2.3445

■ 0.0000, 0.0000,
0.7560

■ 62.9430, 38.4813,
98.7179

■ 62.9430, 38.4813,
98.7179

■ 60.2950, 33.6477,
97.9245

■ 66.3838, 44.8965,
99.7748

■ 58.3655, 30.2500,
97.3704

■ 70.6755, 53.0122,
101.1151

■ 57.0732, 28.1243,
97.0282

■ 75.8752, 62.9418,
102.7577

■ 56.3111, 27.0572,
96.8624

■ 82.0339, 74.7872,
104.7195

■ 56.1508, 26.8617,
96.8331

■ 89.1989, 88.6431,
107.0163

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.



49.4363, 38.4813, 151.3335



62.9430, 38.4813, 98.7179



69.3836, 38.4813, 46.9141

Triad

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



62.9430, 38.4813, 98.7179



38.2867, 38.4813, 2.7880



17.7797, 38.4813, 84.6427

Complementary

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



62.9430, 38.4813, 98.7179



45.4607, 76.2020, 26.7823

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.



16.1884, 38.4813, 37.2558



62.9430, 38.4813, 98.7179



26.1641, 38.4813, 4.2320

Square

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



62.9430, 38.4813, 98.7179



53.0914, 38.4813, 5.3675



18.8421, 38.4813, 12.5655



23.8979, 38.4813, 140.2530

Rectangle

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



62.9430, 38.4813, 98.7179



67.8656, 38.4813, 24.1885



18.8421, 38.4813, 12.5655



16.7749, 38.4813, 66.6507

Sweetspot

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



62.9443, 38.4830, 98.7182



82.2022, 75.1118, 104.7732



30.6382, 23.0331, 97.4388



17.3118, 15.5316, 22.3354



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.



62.9443, 38.4830, 98.7182



59.9080, 32.9545, 97.8111



55.9276, 35.8859, 52.2957



18.7276, 18.2668, 22.7887



29.3674, 14.0499, 50.5987



2.8779, 1.3775, 4.9275

Inverse Universe

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



49.7469, 33.4137, 19.7485



45.6822, 27.5162, 11.5132



49.7762, 77.8551, 52.8090



18.0346, 17.9971, 18.7993



21.5847, 11.1232, 1.1974



2.1101, 1.0864, 0.1612

Previews

White Background



This preview shows how the XYZ color 62.9430, 38.4813, 98.7179 looks on a white background.

Color Contrast Check

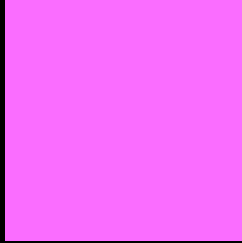
Large Text (above 18pt) WCAG AA × Fail

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 62.9430, 38.4813, 98.7179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

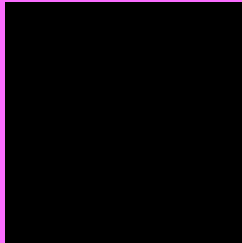
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9430, 38.4813, 98.7179

Background



This preview shows how black text looks on a background with the XYZ color 62.9430, 38.4813, 98.7179.



This preview shows how white text looks on a background with the XYZ color 62.9430, 38.4813,

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

62.9430, 38.4813, 98.7179

Protanopia

40.9983, 38.7575, 99.9278

Deuteranopia

39.9492, 38.9333, 91.7955



Tritanopia

49.3588, 38.3196, 32.8119

Trichromacy



Original Color

62.9430, 38.4813, 98.7179



Protanomaly

45.9278, 36.3966, 99.2123



Deuteranomaly

45.1288, 36.3205, 94.2545

Tritanomaly

53.1770, 37.6438, 51.4770

Monochromacy



Original Color

62.9430, 38.4813, 98.7179



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

44.1477, 37.0433, 59.4668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9430, 38.4813, 98.7179 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(250, 109, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 109, 255)  
}
```

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(250, 109, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 109, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.9430, 38.4813, 98.7179 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(250, 109, 255) }
```


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

```
.border{ border-color:rgb(250, 109, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 109, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 109, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 109, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 109,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9430, 38.4813, 98.7179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 109, 255) }
```

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

```
.background{ background-color: rgb(250,  
109, 255) }
```

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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