

Converting Colors

XYZ(61.1948, 39.3477, 89.4000)

Have a look what the booklet for
XYZ(61.1948, 39.3477, 89.4000)
contains.

XYZ(61.0139, 39.2021, 89.1450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0139, 39.2021,
89.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	F776F3
RGB	247, 118, 243
RGB Percent	97%, 46%, 95%
CMY	0.0314, 0.5372, 0.0471
CMYK	0.00, 0.52, 0.02, 0.03
HSL	302°, 89%, 72%
HSV	302°, 52%, 97%
XYZ	61.0139, 39.2021, 89.1450
YIQ	170.8210, 36.7590, 66.2230

Conversions

Conversions Part 2

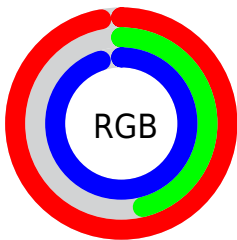
Format	Color
R _{YB}	247, 118, 243
Decimal	16217843
CIE _{Lab}	68.90, 65.38, -40.73
CIE _{LCh}	69, 77.030, 328.082
Yxy	39.2021, 0.3222, 0.2070
Android (android.graphics.Color)	4294407923 (0xFFFF776F3)
YUV	170.8210, 35.5842, 66.8090
Hunter-Lab	62.6116, 64.3749, -40.5877

Details

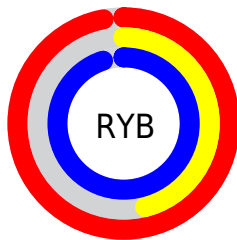
The XYZ color **61.0139, 39.2021, 89.1450** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.2466, 71.7798, 29.9375**, and the grayscale version is **38.4347, 40.4363, 44.0351**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **31.2178, 17.4683, 48.1807** is the 20% darker color. If you saturate the color by 10%, you get **58.3619, 34.0819, 87.6917**, and if you desaturate by 10%, it is **64.4305, 45.8488, 90.8563**.

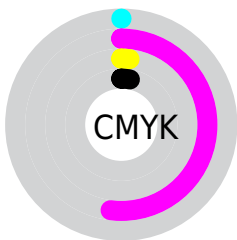
Distribution



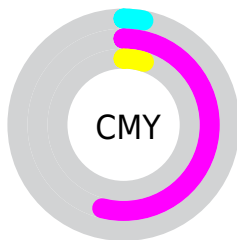
- Red (97%)
- Green (46%)
- Blue (95%)



- Red (97%)
- Yellow (46%)
- Blue (95%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0139, 39.2021, 89.1450 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 61.0139, 39.2021, 89.1450 by changing the saturation by 10% instead.

61.0139, 39.2021,
89.1450

61.0139, 39.2021,
89.1450

418.1001,
342.7490, 545.7438

44.4890, 26.9170,
66.7020

105.3971, 73.9470,
148.0753

31.2547, 17.5109,
48.3824

133.9860, 97.1755,
185.3997

20.9456, 10.5994,
33.7677

167.3270,
124.8206, 228.5217

13.1965, 5.7982,
22.4393

205.7854,
157.2667, 277.8598

7.6419, 2.7227,
13.9786

249.7265,
194.8982, 333.8325

3.9166, 0.9888,
7.9672

299.5158,

1.6550, 0.0000,

238.0995, 396.8583

3.9865

355.5185,
287.2550, 467.3559

■ 0.4279, 0.0000,
1.6179

■ 0.0000, 0.0000,
0.3036

■ 61.0139, 39.2021,
89.1450

■ 61.0139, 39.2021,
89.1450

■ 58.3619, 34.0819,
87.6917

■ 64.4305, 45.8488,
90.8563

■ 56.4096, 30.3613,
86.4737


■ 68.6618, 54.1251,
92.8411

■ 55.0883, 27.9019,
85.4683


■ 73.7585, 64.1314,
95.1168


■ 54.3134, 26.5347,
84.6475


■ 79.7660, 75.9584,
97.6985


 53.9887, 26.0266,
84.1035

 86.7264, 89.6906,
100.6002

 90.9992, 98.0468,
102.6085

 91.1181, 98.0943,
103.2345

 91.2374, 98.1421,
103.8631

 91.3573, 98.1900,
104.4942

Harmonies

Analogous

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



49.4706, 39.2021, 134.0161



61.0139, 39.2021, 89.1450



66.0717, 39.2021, 44.9797

Triad

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



61.0139, 39.2021, 89.1450



38.0535, 39.2021, 4.5470



20.1174, 39.2021, 82.9137

Complementary

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



61.0139, 39.2021, 89.1450



44.2466, 71.7798, 29.9375

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.



18.3442, 39.2021, 40.4686



61.0139, 39.2021, 89.1450



27.2453, 39.2021, 6.5621

Square

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



61.0139, 39.2021, 89.1450



51.1367, 39.2021, 7.2308



20.6440, 39.2021, 16.0496



26.1532, 39.2021, 129.2383

Rectangle

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



61.0139, 39.2021, 89.1450



64.4028, 39.2021, 24.9989



20.6440, 39.2021, 16.0496



19.0699, 39.2021, 67.2026

Sweetspot

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



61.0153, 39.2039, 89.1458



83.1841, 76.5932, 103.9429



31.0353, 23.6781, 90.9316



17.5191, 15.8316, 22.1253



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.



61.0153, 39.2039, 89.1458



62.5319, 36.2310, 94.1542



53.1118, 36.0425, 47.5269



17.1901, 16.7589, 20.7477



28.5628, 13.7685, 44.5335



2.5173, 1.2129, 3.9502

Inverse Universe

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



61.0153, 39.2039, 89.1458



62.5319, 36.2310, 94.1542



49.4538, 73.8627, 57.3580



17.1901, 16.7589, 20.7477



28.5628, 13.7685, 44.5335



2.5173, 1.2129, 3.9502

Previews

White Background



This preview shows how the XYZ color 61.0139, 39.2021, 89.1450 looks on a white background.

Color Contrast Check

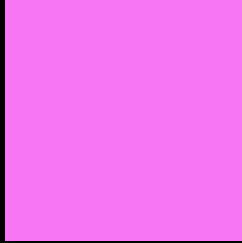
Large Text (above 18pt) WCAG AA × Fail

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 61.0139, 39.2021, 89.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

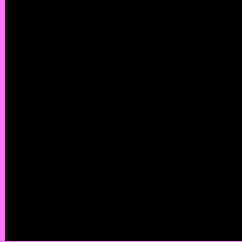
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0139, 39.2021, 89.1450

Background



This preview shows how black text looks on a background with the XYZ color 61.0139, 39.2021, 89.1450.



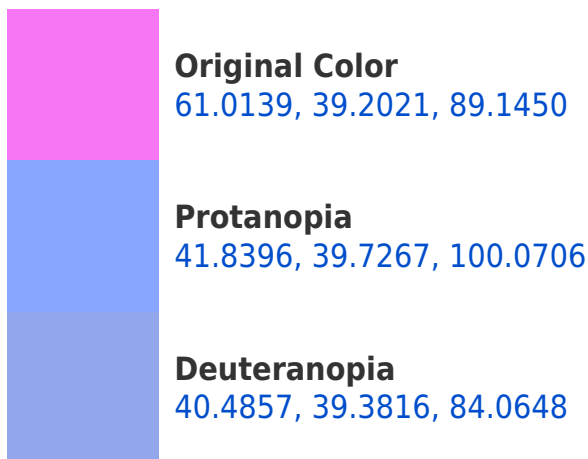
This preview shows how white text looks on a background with the XYZ color 61.0139, 39.2021,

89.1450.

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





Tritanopia

49.7029, 39.1170, 34.2089

Trichromacy



Original Color

61.0139, 39.2021, 89.1450



Protanomaly

46.0645, 37.6900, 96.1138



Deuteranomaly

45.7085, 37.7352, 85.7634



Tritanomaly

52.9744, 38.7610, 50.0370

Monochromacy



Original Color

61.0139, 39.2021, 89.1450



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.8595, 38.6298, 57.9153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0139, 39.2021, 89.1450 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(247, 118, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 118, 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(247, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 118, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.0139, 39.2021, 89.1450 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(247, 118, 243) }
```


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

```
.border{ border-color:rgb(247, 118, 243) }
```

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

Here you see how a box with a 4 pixel rgb(247, 118, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 118, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 118, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 118,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0139, 39.2021, 89.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 118, 243) }
```

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

```
.background{ background-color: rgb(247,  
118, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor