

Converting Colors

XYZ(61.5856, 39.6244, 89.8359)

Have a look what the booklet for
XYZ(61.5856, 39.6244, 89.8359)
contains.

XYZ(61.6374, 39.6818, 89.9987)	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(61.6374, 39.6818,
89.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	F877F4
RGB	248, 119, 244
RGB Percent	97%, 47%, 96%
CMY	0.0274, 0.5333, 0.0431
CMYK	0.00, 0.52, 0.02, 0.03
HSL	302°, 90%, 72%
HSV	302°, 52%, 97%
XYZ	61.6374, 39.6818, 89.9987
YIQ	171.8210, 36.7590, 66.2230

Conversions

Conversions Part 2

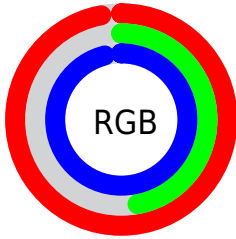
Format	Color
R _Y B	248, 119, 244
Decimal	16283636
CIE Lab	69.24, 65.36, -40.73
CIE LCh	69, 77.011, 328.073
Yxy	39.6818, 0.3222, 0.2074
Android (android.graphics.Color)	4294473716 (0xFFFF877F4)
YUV	171.8210, 35.5842, 66.8090
Hunter-Lab	62.9935, 64.4187, -40.6121

Details

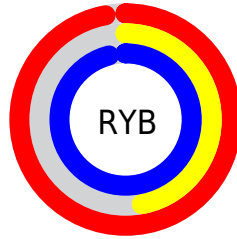
The XYZ color **61.6374, 39.6818, 89.9987** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.7521, 72.4884, 30.3742**, and the grayscale version is **38.9367, 40.9644, 44.6102**.

A 20% lighter version of the original color is **74.8153, 59.5307, 102.1551**, and **31.6246, 17.7442, 48.7719** is the 20% darker color. If you saturate the color by 10%, you get **58.9457, 34.4839, 88.5268**, and if you desaturate by 10%, it is **65.1022, 46.4232, 91.7315**.

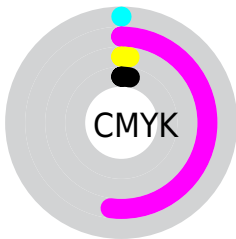
Distribution



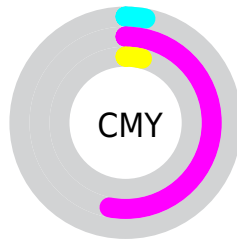
- Red (97%)
- Green (47%)
- Blue (96%)



- Red (97%)
- Yellow (47%)
- Blue (96%)



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





- Cyan (3%)
- Magenta (53%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6374, 39.6818, 89.9987 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 61.6374, 39.6818, 89.9987 by changing the saturation by 10% instead.


 61.6374, 39.6818,
89.9987


 61.6374, 39.6818,
89.9987


420.3459,
344.7806, 548.5966


 44.9943, 27.2905,
67.4059

 106.2942, 74.6787,
149.2721

 31.6542, 17.7915,
48.9509


 135.0386, 98.0532,
186.7897

 21.2517, 10.8004,
34.2152

 168.5474,
125.8575, 230.1194

 13.4217, 5.9328,
22.7803

207.1860,
158.4760, 279.6796

 7.7985, 2.8043,
14.2276

251.3199,
196.2932, 335.8888

 4.0170, 1.0304,
8.1386

301.3142,

 1.7118, 0.0000,

239.6934, 399.1657

4.0947

357.5344,
289.0611, 469.9288

■ 0.4636, 0.0000,
1.6774

■ 0.0000, 0.0000,
0.3452

■ 61.6374, 39.6818,
89.9987

■ 61.6374, 39.6818,
89.9987

■ 58.9457, 34.4839,
88.5268

■ 65.1022, 46.4232,
91.7315

■ 56.9617, 30.7017,
87.2928


■ 69.3907, 54.8121,
93.7408


■ 55.6163, 28.1960,
86.2740


■ 74.5539, 64.9495,
96.0442


■ 54.8245, 26.7966,
85.4422

■ 80.6375, 76.9271,
98.6568

 54.4862, 26.2664,
84.8777

 87.6842, 90.8300,
101.5928

 91.5110, 98.2924,
103.4579

 91.6310, 98.3404,
104.0899

 91.7515, 98.3886,
104.7244

 91.8725, 98.4370,
105.3616

Harmonies

Analogous

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



50.0139, 39.6818, 135.1148



61.6374, 39.6818, 89.9987



66.7306, 39.6818, 45.5313

Triad

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



61.6374, 39.6818, 89.9987



38.5195, 39.6818, 4.6687



20.4221, 39.6818, 83.6992

Complementary

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



61.6374, 39.6818, 89.9987



44.7521, 72.4884, 30.3742

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.



18.6324, 39.6818, 40.9627



61.6374, 39.6818, 89.9987



27.6205, 39.6818, 6.7152

Square

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



61.6374, 39.6818, 89.9987



51.6998, 39.6818, 7.3973



20.9565, 39.6818, 16.3218



26.5133, 39.6818, 130.2890

Rectangle

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



61.6374, 39.6818, 89.9987



65.0529, 39.6818, 25.3757



20.9565, 39.6818, 16.3218



19.3646, 39.6818, 67.8882

Sweetspot

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



61.6388, 39.6836, 89.9995



83.1841, 76.5932, 103.9429



31.4482, 24.0488, 91.7926



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.



61.6388, 39.6836, 89.9995



62.7759, 36.6991, 94.2968



53.6864, 36.5026, 48.1229



17.9684, 17.5147, 21.6895



29.4433, 14.1930, 45.9042



2.7341, 1.3174, 4.2890

Inverse Universe

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



61.6388, 39.6836, 89.9995



62.7759, 36.6991, 94.2968



50.0027, 74.5886, 58.0233



17.9684, 17.5147, 21.6895



29.4433, 14.1930, 45.9042



2.7341, 1.3174, 4.2890

Previews

White Background



This preview shows how the XYZ color 61.6374, 39.6818, 89.9987 looks on a white background.

Color Contrast Check

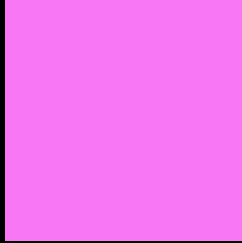
Large Text (above 18pt) WCAG AA × Fail

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 61.6374, 39.6818, 89.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

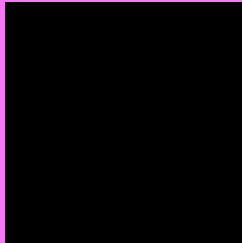
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6374, 39.6818, 89.9987

Background



This preview shows how black text looks on a background with the XYZ color 61.6374, 39.6818, 89.9987.



This preview shows how white text looks on a background with the XYZ color 61.6374, 39.6818,

89.9987.

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

61.6374, 39.6818, 89.9987

Protanopia

42.3499, 40.2607, 100.1468

Deuteranopia

40.9917, 39.8966, 84.8972



Tritanopia

50.2655, 39.6175, 34.7034

Trichromacy



Original Color

61.6374, 39.6818, 89.9987



Protanomaly

46.6790, 38.2427, 96.1881



Deuteranomaly

46.2535, 38.2350, 86.6036



Tritanomaly

53.5577, 39.2537, 50.6529

Monochromacy



Original Color

61.6374, 39.6818, 89.9987



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

45.4037, 39.1390, 58.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6374, 39.6818, 89.9987 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(248, 119, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 119, 244)  
}
```

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(248, 119, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 119, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.6374, 39.6818, 89.9987 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(248, 119, 244) }
```


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

```
.border{ border-color:rgb(248, 119, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 119, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 119, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 119, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 119,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6374, 39.6818, 89.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 119, 244) }
```

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

```
.background{ background-color: rgb(248,  
119, 244) }
```

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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