

Converting Colors

XYZ(61.0183, 39.8888, 73.0405)

Have a look what the booklet for
XYZ(61.0183, 39.8888, 73.0405)
contains.

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Color

**XYZ(61.0076, 39.9134,
72.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	FF78DD
RGB	255, 120, 221
RGB Percent	100%, 47%, 87%
CMY	0.0000, 0.5294, 0.1333
CMYK	0.00, 0.53, 0.13, 0.00
HSL	315°, 100%, 74%
HSV	315°, 53%, 100%
XYZ	61.0076, 39.9134, 72.8952
YIQ	171.8790, 48.0390, 60.0310

Conversions

Conversions Part 2

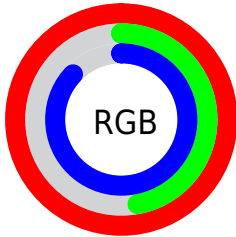
Format	Color
R _Y B	255, 120, 221
Decimal	16742621
CIE Lab	69.41, 63.17, -27.71
CIE LCh	69, 68.978, 336.317
Yxy	39.9134, 0.3510, 0.2296
Android (android.graphics.Color)	4294932701 (0xFFFF78DD)
YUV	171.8790, 24.2167, 72.8971
Hunter-Lab	63.1771, 61.8106, -24.1863

Details

The XYZ color **61.0076, 39.9134, 72.8952** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.3400, 77.8469, 43.0001**, and the grayscale version is **39.0173, 41.0492, 44.7026**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **31.4254, 18.0439, 37.9029** is the 20% darker color. If you saturate the color by 10%, you get **57.4995, 34.2405, 67.5847**, and if you desaturate by 10%, it is **65.3667, 47.2356, 78.6518**.

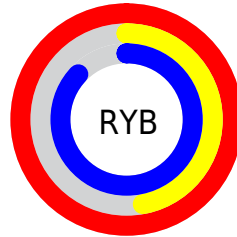
Distribution



Red (100%)

Green (47%)

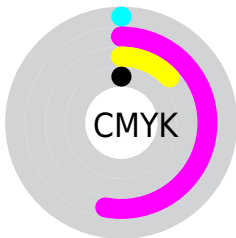
Blue (87%)



Red (100%)

Yellow (47%)

Blue (87%)

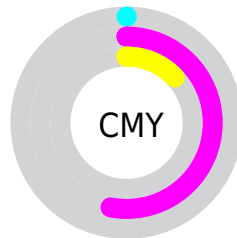


Cyan (0%)

Magenta (53%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0076, 39.9134, 72.8952 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 61.0076, 39.9134, 72.8952 by changing the saturation by 10% instead.

 61.0076, 39.9134,
72.8952

 61.0076, 39.9134,
72.8952


418.0773,
345.7584, 489.7125


 44.4839, 27.4710,
53.3990


 105.3880, 75.0316,
125.0480

 31.2506, 17.9273,
37.7315


 133.9754, 98.4763,
158.5416

 20.9425, 10.8978,
25.4741


 167.3146,
126.3571, 197.5381

 13.1942, 5.9982,
16.2084

205.7712,
159.0586, 242.4560

 7.6403, 2.8440,
9.5158

249.7104,
196.9651, 293.7138

 3.9155, 1.0508,
4.9777

299.4976,

 1.6545, 0.0000,

240.4609, 351.7302

2.1757

355.4981,
289.9306, 416.9236

■ 0.4275, 0.0000,
0.6603

■ 0.0000, 0.0000,
0.0000

■ 61.0076, 39.9134,
72.8952

■ 61.0076, 39.9134,
72.8952

■ 57.4995, 34.2405,
67.5847

■ 65.3667, 47.2356,
78.6518

■ 54.7729, 30.0789,
62.6940

■ 70.6333, 56.3201,
84.8737

■ 52.7515, 27.2765,
58.1963

■ 76.8625, 67.2762,
91.5814

■ 51.3420, 25.6471,
54.0586

■ 84.1039, 80.2026,
98.7933

■ 50.6193, 25.0117,
51.3207

■ 92.4036, 95.1911,
106.5263

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.



52.0193, 39.9134, 113.5775



61.0076, 39.9134, 72.8952



63.3237, 39.9134, 37.0797

Triad

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



61.0076, 39.9134, 72.8952



35.6382, 39.9134, 6.6332



23.2177, 39.9134, 90.5910

Complementary

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



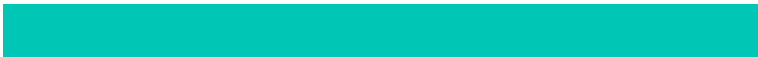
61.0076, 39.9134, 72.8952



49.3400, 77.8469, 43.0001

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.



20.4437, 39.9134, 50.5308



61.0076, 39.9134, 72.8952



26.6567, 39.9134, 10.4866

Square

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



61.0076, 39.9134, 72.8952



47.1629, 39.9134, 8.0918



21.5672, 39.9134, 23.2540



29.9994, 39.9134, 126.8097

Rectangle

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



61.0076, 39.9134, 72.8952



60.4408, 39.9134, 21.6171



21.5672, 39.9134, 23.2540



21.8527, 39.9134, 76.5461

Sweetspot

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



61.0086, 39.9151, 72.8960



81.7765, 76.0302, 96.5307



38.0472, 27.5007, 97.9106



17.1804, 15.6961, 20.3418



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.



61.0086, 39.9151, 72.8960



57.1742, 33.7294, 67.0460



53.7697, 37.0196, 34.7766



18.5857, 18.2176, 21.7015



26.5129, 13.0945, 27.1492



2.6253, 1.2925, 2.8744

Inverse Universe

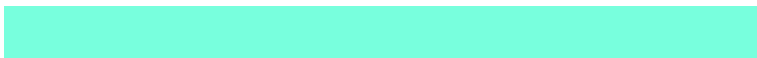
The Inverse Universe completely reimagines the original color for something new.



61.0086, 39.9151, 72.8960



57.1742, 33.7294, 67.0460



56.5914, 80.7475, 81.1857



18.5857, 18.2176, 21.7015



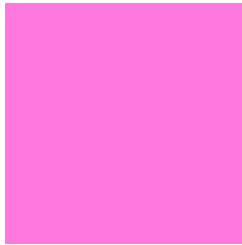
26.5129, 13.0945, 27.1492



2.6253, 1.2925, 2.8744

Previews

White Background



This preview shows how the XYZ color 61.0076, 39.9134, 72.8952 looks on a white background.

Color Contrast Check

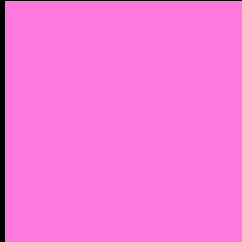
Large Text (above 18pt) WCAG AA × Fail

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 61.0076, 39.9134, 72.8952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

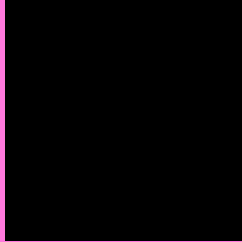
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0076, 39.9134, 72.8952

Background



This preview shows how black text looks on a background with the XYZ color 61.0076, 39.9134, 72.8952.



This preview shows how white text looks on a background with the XYZ color 61.0076, 39.9134,

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

61.0076, 39.9134, 72.8952

Protanopia

42.5162, 40.3464, 100.1545

Deuteranopia

40.9563, 39.9690, 68.5070



Tritanopia

52.5699, 39.7721, 32.5098

Trichromacy



Original Color

61.0076, 39.9134, 72.8952



Protanomaly

46.1401, 38.1075, 89.7177



Deuteranomaly

46.1681, 38.3231, 69.9295



Tritanomaly

55.1806, 39.6126, 44.7821

Monochromacy



Original Color

61.0076, 39.9134, 72.8952



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

45.0426, 39.0567, 53.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0076, 39.9134, 72.8952 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(255, 120, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 221)  
}
```

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(255, 120, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.0076, 39.9134, 72.8952 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(255, 120, 221) }
```


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

```
.border{ border-color:rgb(255, 120, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0076, 39.9134, 72.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 221) }
```

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

```
.background{ background-color: rgb(255,  
120, 221) }
```

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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