

Converting Colors

XYZ(75.7789, 57.9308,
100.6964)

Have a look what the booklet for
XYZ(75.7789, 57.9308, 100.6964)
contains.

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Color

**XYZ(73.3174, 56.7917,
100.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9FE
RGB	255, 169, 254
RGB Percent	100%, 66%, 100%
CMY	0.0000, 0.3372, 0.0039
CMYK	0.00, 0.34, 0.00, 0.00
HSL	301°, 100%, 83%
HSV	301°, 34%, 100%
XYZ	73.3174, 56.7917, 100.8636
YIQ	204.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

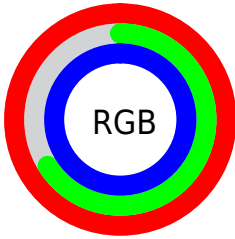
Format	Color
R _Y B	255, 169, 254
Decimal	16755198
CIE Lab	80.06, 44.49, -29.34
CIE LCh	80, 53.297, 326.600
Yxy	56.7917, 0.3174, 0.2459
Android (android.graphics.Color)	4294945278 (0xFFFFA9FE)
YUV	204.4040, 24.4508, 44.3727
Hunter-Lab	75.3603, 41.7807, -26.6027

Details

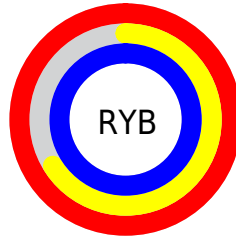
The XYZ color **73.3174, 56.7917, 100.8636** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.3795, 82.8581, 50.8961**, and the grayscale version is **57.4908, 60.4848, 65.8679**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **39.2347, 28.1630, 56.1914** is the 20% darker color. If you saturate the color by 10%, you get **68.9807, 48.1940, 99.1849**, and if you desaturate by 10%, it is **78.5816, 67.2439, 102.8534**.

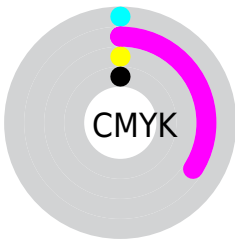
Distribution



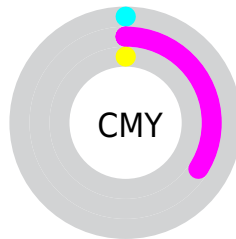
- Red (100%)
- Green (66%)
- Blue (100%)



- Red (100%)
- Yellow (66%)
- Blue (100%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3174, 56.7917, 100.8636 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 73.3174, 56.7917, 100.8636 by changing the saturation by 10% instead.


 73.3174, 56.7917,
100.8636

 73.3174, 56.7917,
100.8636

461.2009,
412.6683, 584.2282

 54.5248, 40.8380,
76.4011


 122.9284,
100.1612, 164.4057

 39.2538, 28.1925,
56.2528


154.4776,
128.3458, 204.3223

 27.1388, 18.4709,
40.0003

191.0096,
161.3762, 250.2274

 17.8146, 11.2886,
27.2250

232.8899,
199.6367, 302.5394

 10.9159, 6.2613,
17.5083

280.4839,
243.5118, 361.6770

 6.0772, 3.0046,
10.4318

334.1568,

 2.9332, 1.1341,

293.3858, 428.0586

5.5769

394.2740,
349.6432, 502.1028

■ 1.1185, 0.0069,
2.5249

■ 0.0405, 0.0000,
0.8533

■ 73.3174, 56.7917,
100.8636

■ 73.3174, 56.7917,
100.8636

■ 68.9807, 48.1940,
99.1849

■ 78.5816, 67.2439,
102.8534

■ 65.5139, 41.3361,
97.7958

■ 84.8193, 79.6432,
105.1672

■ 62.8586, 36.1012,
96.6775

■ 92.0779, 94.0841,
107.8217

■ 60.9478, 32.3551,
95.8078

95.0500, 100.0000,
108.9000

■ 59.7037, 29.9424,
95.1607

■ 59.0315, 28.6732,
94.7045

■ 58.8167, 28.2907,
94.4874

Harmonies

Analogous

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



63.8601, 56.7917, 132.0462



73.3174, 56.7917, 100.8636



77.5744, 56.7917, 65.4454

Triad

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



73.3174, 56.7917, 100.8636



55.2246, 56.7917, 19.3381



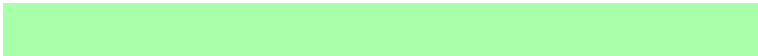
37.4036, 56.7917, 92.6018

Complementary

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



73.3174, 56.7917, 100.8636



59.3795, 82.8581, 50.8961

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.



35.7304, 56.7917, 58.3628



73.3174, 56.7917, 100.8636



45.1733, 56.7917, 22.3443

Square

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



73.3174, 56.7917, 100.8636



66.2855, 56.7917, 24.1892



38.3802, 56.7917, 34.4521



43.2982, 56.7917, 126.2611

Rectangle

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



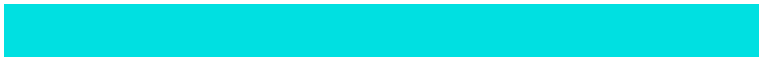
73.3174, 56.7917, 100.8636



76.5197, 56.7917, 46.3022



38.3802, 56.7917, 34.4521



36.3660, 56.7917, 80.5064

Sweetspot

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



73.3186, 56.7939, 100.8648



87.4002, 84.7767, 106.1150



48.6024, 44.0337, 100.5455



18.4951, 17.7238, 22.6352



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.



73.3186, 56.7939, 100.8648



70.4910, 51.1864, 99.7754



67.3130, 54.3917, 69.2401



18.7831, 18.2965, 22.7407



30.7372, 14.7842, 49.3938



2.9956, 1.4406, 4.8242

Inverse Universe

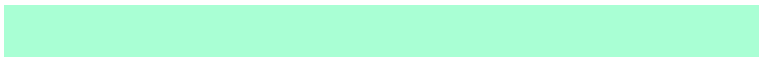
The Inverse Universe completely reimagines the original color for something new.



73.3186, 56.7939, 100.8648



70.4910, 51.1864, 99.7754



64.0074, 84.7093, 75.2662



18.7831, 18.2965, 22.7407



30.7372, 14.7842, 49.3938



2.9956, 1.4406, 4.8242

Previews

White Background



This preview shows how the XYZ color 73.3174, 56.7917, 100.8636 looks on a white background.

Color Contrast Check

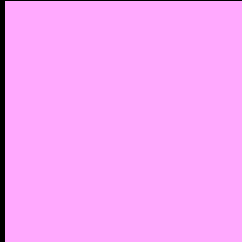
Large Text (above 18pt) WCAG AA × Fail

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 73.3174, 56.7917, 100.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

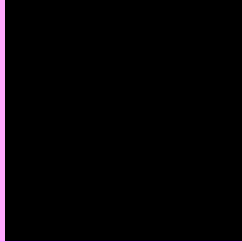
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3174, 56.7917, 100.8636

Background



This preview shows how black text looks on a background with the XYZ color 73.3174, 56.7917, 100.8636.



This preview shows how white text looks on a background with the XYZ color 73.3174, 56.7917,

100.8636.

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

73.3174, 56.7917, 100.8636

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.3522, 57.0762, 97.5639



Tritanopia

64.7320, 56.7620, 59.1742

Trichromacy



Original Color

73.3174, 56.7917, 100.8636



Protanomaly

62.1148, 56.3160, 102.2040



Deuteranomaly

62.9958, 56.5299, 98.8579



Tritanomaly

67.5412, 56.7261, 72.3552

Monochromacy



Original Color

73.3174, 56.7917, 100.8636



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

62.2470, 58.2235, 77.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3174, 56.7917, 100.8636 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, 169, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 254)  
}
```

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, 169, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 254) }
```

Border

The CSS property to change the border of an element to XYZ 73.3174, 56.7917, 100.8636 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, 169, 254) }
```


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

```
.border{ border-color:rgb(255, 169, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 254); box-shadow:4px 4px 4px 4px rgb(255, 169, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3174, 56.7917, 100.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 254) }
```

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

```
.background{ background-color: rgb(255,  
169, 254) }
```

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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