

Converting Colors

XYZ(81.9427, 61.3432,
100.2162)

Have a look what the booklet for
XYZ(81.9427, 61.3432, 100.2162)
contains.

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Color

**XYZ(73.1576, 56.7278,
100.0222)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9FD
RGB	255, 169, 253
RGB Percent	100%, 66%, 99%
CMY	0.0000, 0.3372, 0.0078
CMYK	0.00, 0.34, 0.01, 0.00
HSL	301°, 100%, 83%
HSV	301°, 34%, 100%
XYZ	73.1576, 56.7278, 100.0222
YIQ	204.2900, 24.2920, 44.3560

Conversions

Conversions Part 2

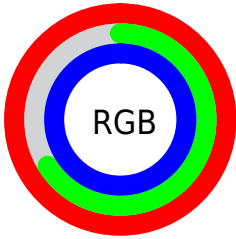
Format	Color
R _Y B	255, 169, 253
Decimal	16755197
CIE Lab	80.03, 44.32, -28.86
CIE LCh	80, 52.885, 326.929
Yxy	56.7278, 0.3182, 0.2467
Android (android.graphics.Color)	4294945277 (0xFFFFA9FD)
YUV	204.2900, 24.0140, 44.4727
Hunter-Lab	75.3179, 41.5740, -26.0147

Details

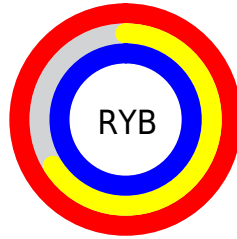
The XYZ color **73.1576, 56.7278, 100.0222** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **59.4746, 82.8961, 51.3964**, and the grayscale version is **57.4213, 60.4117, 65.7883**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **39.1205, 28.1173, 55.5899** is the 20% darker color. If you saturate the color by 10%, you get **68.7740, 48.1113, 98.0966**, and if you desaturate by 10%, it is **78.4689, 67.1989, 102.2601**.

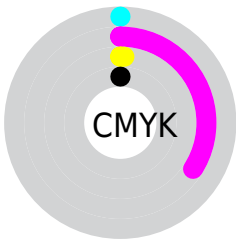
Distribution



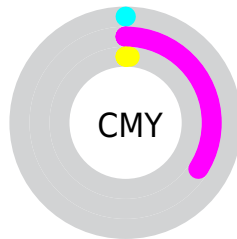
- Red (100%)
- Green (66%)
- Blue (99%)



- Red (100%)
- Yellow (66%)
- Blue (99%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1576, 56.7278, 100.0222 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 73.1576, 56.7278, 100.0222 by changing the saturation by 10% instead.


 73.1576, 56.7278,
100.0222


 73.1576, 56.7278,
100.0222


460.6562,
412.4286, 581.5111

 54.3937, 40.7867,
75.7021


 122.7028,
100.0679, 163.2398

 39.1484, 28.1525,
55.6831


 154.2149,
128.2357, 202.9744

 27.0564, 18.4406,
39.5466


190.7070,
161.2480, 248.6843

 17.7524, 11.2668,
26.8741

232.5445,
199.4889, 300.7879

 10.8710, 6.2466,
17.2471

280.0929,
243.3431, 359.7039

 6.0468, 2.9956,
10.2470

333.7174,

 2.9145, 1.1294,

293.1948, 425.8507

5.4553

393.7833,
349.4285, 499.6469

■ 1.1087, 0.0029,
2.4534

■ 0.0324, 0.0000,
0.8153

■ 73.1576, 56.7278,
100.0222

■ 73.1576, 56.7278,
100.0222

■ 68.7740, 48.1113,
98.0966

■ 78.4689, 67.1989,
102.2601

■ 65.2605, 41.2348,
96.4616

■ 84.7540, 79.6171,
104.8232

■ 62.5588, 35.9813,
95.0987

■ 92.0601, 94.0771,
107.7282

■ 60.6018, 32.2167,
93.9855

95.0500, 100.0000,
108.9000

■ 59.3117, 29.7855,
93.0960

■ 58.5936, 28.4981,
92.3987

■ 58.3501, 28.1041,
92.0307

Harmonies

Analogous

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



63.8300, 56.7278, 130.9937



73.1576, 56.7278, 100.0222



77.3007, 56.7278, 64.9926

Triad

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



73.1576, 56.7278, 100.0222



55.0329, 56.7278, 19.5104



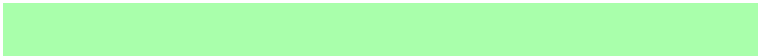
37.5111, 56.7278, 92.6376

Complementary

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



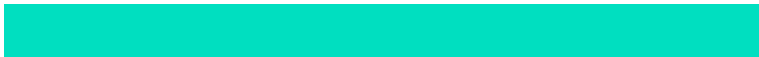
73.1576, 56.7278, 100.0222



59.4746, 82.8961, 51.3964

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.



35.8016, 56.7278, 58.6498



73.1576, 56.7278, 100.0222



45.0894, 56.7278, 22.5975

Square

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



73.1576, 56.7278, 100.0222



66.0003, 56.7278, 24.2587



38.3872, 56.7278, 34.7711



43.4084, 56.7278, 125.8286

Rectangle

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



73.1576, 56.7278, 100.0222



76.2049, 56.7278, 46.0853



38.3872, 56.7278, 34.7711



36.4647, 56.7278, 80.6547

Sweetspot

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



73.1588, 56.7300, 100.0234



87.3526, 84.7576, 105.8641



48.9117, 44.1931, 100.5599



18.4835, 17.7191, 22.5740



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.



73.1588, 56.7300, 100.0234



70.3018, 51.1107, 98.7788



67.1330, 54.3197, 68.2920



18.7734, 18.2927, 22.6897



30.4975, 14.6883, 48.1315



2.9750, 1.4324, 4.7158

Inverse Universe

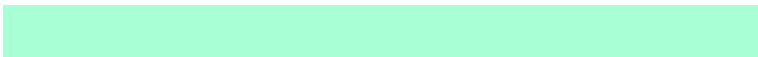
The Inverse Universe completely reimagines the original color for something new.



73.1588, 56.7300, 100.0234



70.3018, 51.1107, 98.7788



64.1891, 84.7819, 76.2228



18.7734, 18.2927, 22.6897



30.4975, 14.6883, 48.1315



2.9750, 1.4324, 4.7158

Previews

White Background



This preview shows how the XYZ color 73.1576, 56.7278, 100.0222 looks on a white background.

Color Contrast Check

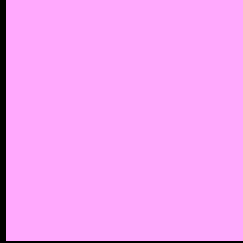
Large Text (above 18pt) WCAG AA × Fail

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 73.1576, 56.7278, 100.0222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

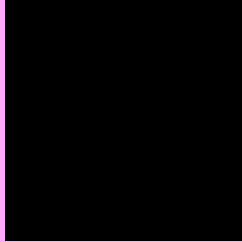
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1576, 56.7278, 100.0222

Background



This preview shows how black text looks on a background with the XYZ color 73.1576, 56.7278, 100.0222.



This preview shows how white text looks on a background with the XYZ color 73.1576, 56.7278,

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

73.1576, 56.7278, 100.0222

Protanopia

57.5447, 57.2198, 102.6193

Deuteranopia

58.4507, 57.1450, 96.7563



Tritanopia

64.7320, 56.7620, 59.1742

Trichromacy



Original Color

73.1576, 56.7278, 100.0222



Protanomaly

61.9542, 56.2517, 101.3583



Deuteranomaly

63.1331, 56.6189, 98.0435



Tritanomaly

67.5412, 56.7261, 72.3552

Monochromacy



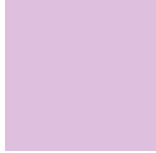
Original Color

73.1576, 56.7278, 100.0222



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 73.1576, 56.7278, 100.0222 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 253) }
```

Border

The CSS property to change the border of an element to XYZ 73.1576, 56.7278, 100.0222 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, 253) }
```


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

```
.border{ border-color:rgb(255, 169, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1576, 56.7278, 100.0222 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
169, 253) }
```

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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