

Converting Colors

XYZ(73.1674, 58.0636, 95.9678)

Have a look what the booklet for
XYZ(73.1674, 58.0636, 95.9678)
contains.

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Color

**XYZ(73.1268, 57.9245,
96.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADF8
RGB	255, 173, 248
RGB Percent	100%, 68%, 97%
CMY	0.0000, 0.3215, 0.0274
CMYK	0.00, 0.32, 0.03, 0.00
HSL	305°, 100%, 84%
HSV	305°, 32%, 100%
XYZ	73.1268, 57.9245, 96.1333
YIQ	206.0680, 24.7970, 40.7090

Conversions

Conversions Part 2

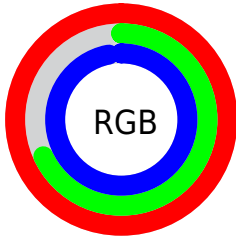
Format	Color
RYB	255, 173, 248
Decimal	16756216
CIELab	80.70, 41.36, -25.15
CIELCh	81, 48.408, 328.700
Yxy	57.9245, 0.3219, 0.2550
Android (android.graphics.Color)	4294946296 (0xFFFFADF8)
YUV	206.0680, 20.6725, 42.9134
Hunter-Lab	76.1081, 38.3185, -21.6144

Details

The XYZ color **73.1268, 57.9245, 96.1333** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.2336, 83.7004, 56.1111**, and the grayscale version is **58.5719, 61.6222, 67.1066**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **39.0268, 28.8256, 52.7972** is the 20% darker color. If you saturate the color by 10%, you get **68.3602, 48.9282, 92.8886**, and if you desaturate by 10%, it is **78.8332, 68.7932, 99.7121**.

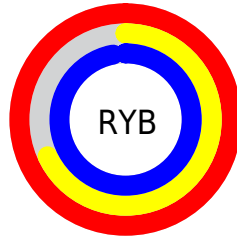
Distribution



Red (100%)

Green (68%)

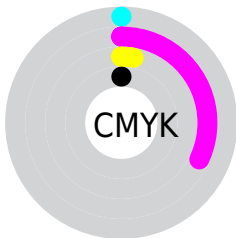
Blue (97%)



Red (100%)

Yellow (68%)

Blue (97%)

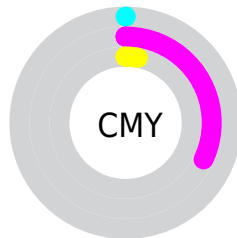


Cyan (0%)

Magenta (32%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1268, 57.9245, 96.1333 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 73.1268, 57.9245, 96.1333 by changing the saturation by 10% instead.

73.1268, 57.9245,
96.1333

73.1268, 57.9245,
96.1333

460.5511,
416.9045, 568.8635

54.3684, 41.7480,
72.4765

122.6594,
101.8129, 157.8384

39.1281, 28.9040,
53.0588

154.1642,
130.2936, 196.7238

27.0406, 19.0082,
37.4617

190.6486,
163.6444, 241.5224

17.7404, 11.6762,
25.2666

232.4779,
202.2497, 292.6529

10.8624, 6.5236,
16.0549

280.0175,
246.4940, 350.5337

6.0410, 3.1660,
9.4083

333.6326,

2.9109, 1.2190,

296.7617, 415.5833

4.9080

393.6887,
353.4370, 488.2205

■ 1.1068, 0.0771,
2.1356

■ 0.0308, 0.0000,
0.6368

■ 73.1268, 57.9245,
96.1333

■ 73.1268, 57.9245,
96.1333

■ 68.3602, 48.9282,
92.8886

■ 78.8332, 68.7932,
99.7121

■ 64.4760, 41.6908,
89.9566

■ 85.5242, 81.6253,
103.6378

■ 61.4168, 36.0974,
87.3189

■ 93.2469, 96.5145,
107.9269

■ 59.1171, 32.0167,
84.9536

95.0500, 100.0000,
108.9000

■ 57.5011, 29.2969,
82.8352

■ 56.4771, 27.7553,
80.9332

■ 55.9813, 27.1565,
79.5569

Harmonies

Analogous

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



64.7908, 57.9245, 124.5736



73.1268, 57.9245, 96.1333



76.5463, 57.9245, 64.3247

Triad

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



73.1268, 57.9245, 96.1333



55.4919, 57.9245, 22.5467



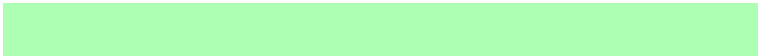
39.8853, 57.9245, 93.3020

Complementary

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



73.1268, 57.9245, 96.1333



61.2336, 83.7004, 56.1111

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.



38.0182, 57.9245, 61.8316



73.1268, 57.9245, 96.1333



46.3477, 57.9245, 26.1122

Square

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



73.1268, 57.9245, 96.1333



65.6348, 57.9245, 26.8107



40.2374, 57.9245, 38.6173



45.6789, 57.9245, 122.6215

Rectangle

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



73.1268, 57.9245, 96.1333



75.2979, 57.9245, 47.0450



40.2374, 57.9245, 38.6173



38.8110, 57.9245, 82.3742

Sweetspot

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



73.1282, 57.9268, 96.1345



87.0993, 84.6563, 104.5307



51.7796, 46.7934, 100.9107



18.4217, 17.6944, 22.2488



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.



73.1282, 57.9268, 96.1345



69.7662, 51.5714, 93.8778



67.4680, 55.6628, 66.3287



18.7218, 18.2720, 22.4183



29.2793, 14.2010, 41.7167



2.8697, 1.3903, 4.1613

Inverse Universe

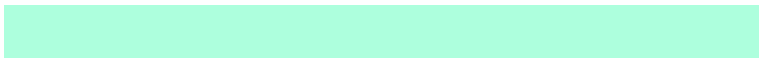
The Inverse Universe completely reimagines the original color for something new.



73.1282, 57.9268, 96.1345



69.7662, 51.5714, 93.8778



66.0242, 85.6166, 81.3378



18.7218, 18.2720, 22.4183



29.2793, 14.2010, 41.7167



2.8697, 1.3903, 4.1613

Previews

White Background



This preview shows how the XYZ color 73.1268, 57.9245, 96.1333 looks on a white background.

Color Contrast Check

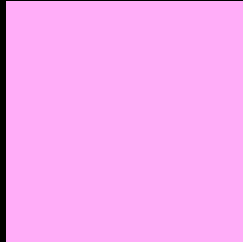
Large Text (above 18pt) WCAG AA × Fail

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 73.1268, 57.9245, 96.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

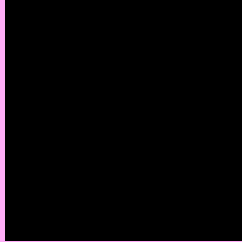
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1268, 57.9245, 96.1333

Background



This preview shows how black text looks on a background with the XYZ color 73.1268, 57.9245, 96.1333.

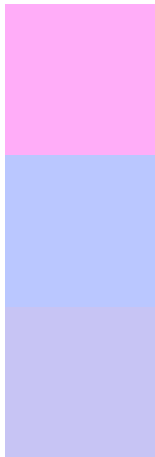


This preview shows how white text looks on a background with the XYZ color 73.1268, 57.9245,

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

73.1268, 57.9245, 96.1333

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.6222, 58.1536, 93.6703



Tritanopia

65.7229, 57.8546, 60.5264

Trichromacy



Original Color

73.1268, 57.9245, 96.1333



Protanomaly

62.8481, 57.7041, 99.9210



Deuteranomaly

63.6781, 57.6191, 94.1516



Tritanomaly

68.2984, 57.7073, 72.5046

Monochromacy



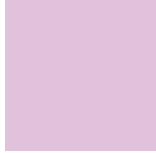
Original Color

73.1268, 57.9245, 96.1333



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

63.0834, 59.6513, 76.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1268, 57.9245, 96.1333 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, 173, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 248)  
}
```

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, 173, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.1268, 57.9245, 96.1333 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, 173, 248) }
```


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

```
.border{ border-color:rgb(255, 173, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 173, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1268, 57.9245, 96.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 248) }
```

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

```
.background{ background-color: rgb(255,  
173, 248) }
```

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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