

Converting Colors

XYZ(98.5808, 68.6154,
232.3956)

Have a look what the booklet for
XYZ(98.5808, 68.6154, 232.3956)
contains.

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Color

**XYZ(73.8880, 58.7626,
102.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	FDAFFF
RGB	253, 175, 255
RGB Percent	99%, 69%, 100%
CMY	0.0078, 0.3137, 0.0000
CMYK	0.01, 0.31, 0.00, 0.00
HSL	299°, 100%, 84%
HSV	299°, 31%, 100%
XYZ	73.8880, 58.7626, 102.0557
YIQ	207.4420, 20.8080, 41.4160

Conversions

Conversions Part 2

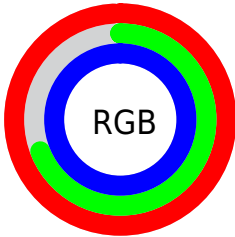
Format	Color
R _Y B	253, 175, 255
Decimal	16625663
CIE Lab	81.16, 40.95, -28.21
CIE LCh	81, 49.723, 325.434
Yxy	58.7626, 0.3148, 0.2504
Android (android.graphics.Color)	4294815743 (0xFFFD4FFF)
YUV	207.4420, 23.4461, 39.9544
Hunter-Lab	76.6568, 37.9034, -25.2750

Details

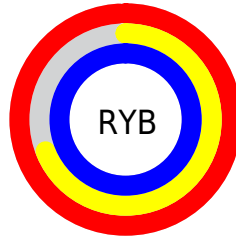
The XYZ color **73.8880, 58.7626, 102.0557** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.6308, 83.9629, 53.5185**, and the grayscale version is **59.4388, 62.5342, 68.0998**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **39.5361, 29.3541, 57.0082** is the 20% darker color. If you saturate the color by 10%, you get **69.1547, 49.6389, 100.5441**, and if you desaturate by 10%, it is **79.5625, 69.7659, 103.8805**.

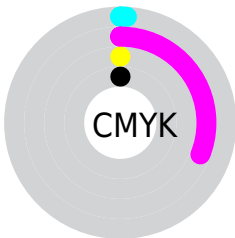
Distribution



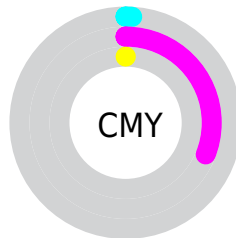
- Red (99%)
- Green (69%)
- Blue (100%)



- Red (99%)
- Yellow (69%)
- Blue (100%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8880, 58.7626, 102.0557 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 73.8880, 58.7626, 102.0557 by changing the saturation by 10% instead.


 73.8880, 58.7626,
102.0557

 73.8880, 58.7626,
102.0557


463.1430,
420.0216, 588.0664

 54.9933, 42.4220,
77.3920


 123.7334,
103.0325, 166.0558

 39.6302, 29.4319,
57.0612

155.4148,
131.7307, 206.2293

 27.4333, 19.4078,
40.6447


192.0892,
165.3169, 252.4098

 18.0372, 11.9653,
27.7240

234.1219,
204.1755, 305.0158

 11.0765, 6.7201,
17.8804

281.8783,
248.6908, 364.4660

 6.1860, 3.2877,
10.6956

335.7237,

 3.0002, 1.2837,

299.2474, 431.1787

5.7510

396.0235,
356.2295, 505.5727

■ 1.1539, 0.1285,
2.6279

■ 0.0695, 0.0000,
0.9068

■ 73.8880, 58.7626,
102.0557

■ 73.8880, 58.7626,
102.0557

■ 69.1547, 49.6389,
100.5441

■ 79.5625, 69.7659,
103.8805

■ 65.3047, 42.2814,
99.3269

■ 86.2219, 82.7387,
106.0335

■ 62.2815, 36.5764,
98.3851

■ 93.9132, 97.7741,
108.5303

■ 60.0201, 32.3938,
97.6970

95.0500, 100.0000,
108.9000

■ 58.4456, 29.5839,
97.2376

■ 57.4681, 27.9668,
96.9770

■ 56.9852, 27.2918,
96.8721

Harmonies

Analogous

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



64.8391, 58.7626, 130.4587



73.8880, 58.7626, 102.0557



78.1223, 58.7626, 68.6256

Triad

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



73.8880, 58.7626, 102.0557



57.4506, 58.7626, 22.3358



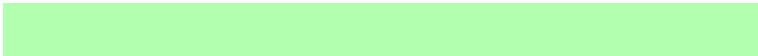
39.7440, 58.7626, 91.7035

Complementary

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



73.8880, 58.7626, 102.0557



61.6308, 83.9629, 53.5185

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.



38.2759, 58.7626, 59.5537



73.8880, 58.7626, 102.0557



47.7364, 58.7626, 25.0900

Square

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



73.8880, 58.7626, 102.0557



67.9161, 58.7626, 27.5989



41.0195, 58.7626, 36.7961



45.3086, 58.7626, 123.3015

Rectangle

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



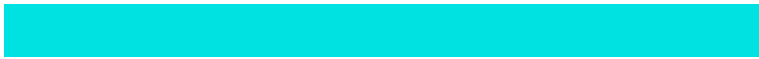
73.8880, 58.7626, 102.0557



77.3067, 58.7626, 49.9859



41.0195, 58.7626, 36.7961



38.7868, 58.7626, 80.3747

Sweetspot

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



73.8897, 58.7651, 102.0561



87.9501, 86.1128, 106.5937



51.5857, 48.0451, 101.1625



18.5964, 17.9854, 22.7413



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.



73.8897, 58.7651, 102.0561



70.6490, 52.5117, 101.0199



69.1827, 56.9668, 73.4524



18.7452, 18.2759, 22.7896



29.7962, 14.2710, 50.6187



2.9148, 1.3966, 4.9292

Inverse Universe

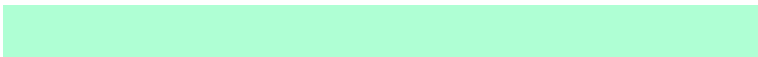
The Inverse Universe completely reimagines the original color for something new.



64.5073, 55.0966, 48.8318



59.8747, 48.3042, 39.6648



65.3666, 85.4051, 75.5497



18.0278, 17.9944, 18.7634



21.5750, 11.1193, 1.1463



2.1069, 1.0851, 0.1441

Previews

White Background



This preview shows how the XYZ color 73.8880, 58.7626, 102.0557 looks on a white background.

Color Contrast Check

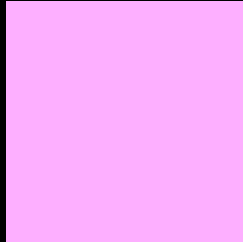
Large Text (above 18pt) WCAG AA × Fail

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 73.8880, 58.7626, 102.0557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

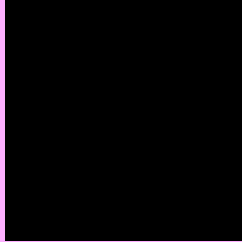
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8880, 58.7626, 102.0557

Background



This preview shows how black text looks on a background with the XYZ color 73.8880, 58.7626, 102.0557.



This preview shows how white text looks on a background with the XYZ color 73.8880, 58.7626,

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

73.8880, 58.7626, 102.0557

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.6326, 59.2235, 99.5024



Tritanopia

65.9903, 58.8808, 62.5306

Trichromacy



Original Color

73.8880, 58.7626, 102.0557



Protanomaly

63.5448, 58.3305, 102.5175



Deuteranomaly

64.5994, 58.6069, 100.0030



Tritanomaly

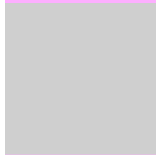
68.7131, 58.7629, 75.4310

Monochromacy



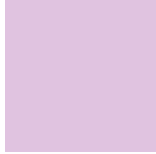
Original Color

73.8880, 58.7626, 102.0557



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.7101, 60.2593, 78.7943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8880, 58.7626, 102.0557 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(253, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 175, 255)  
}
```

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(253, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8880, 58.7626, 102.0557 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(253, 175, 255) }
```


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

```
.border{ border-color:rgb(253, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8880, 58.7626, 102.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 175, 255) }
```

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

```
.background{ background-color: rgb(253,  
175, 255) }
```

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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