

# Converting Colors

XYZ(92.5062, 65.9223,  
199.9194)

Have a look what the booklet for  
XYZ(92.5062, 65.9223, 199.9194)  
contains.

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# Color

**XYZ(74.0591, 58.5629,  
102.0082)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEAEFF
RGB	254, 174, 255
RGB Percent	100%, 68%, 100%
CMY	0.0039, 0.3176, 0.0000
CMYK	0.00, 0.32, 0.00, 0.00
HSL	299°, 100%, 84%
HSV	299°, 32%, 100%
XYZ	74.0591, 58.5629, 102.0082
YIQ	207.1540, 21.6790, 42.1510

# Conversions

## Conversions Part 2

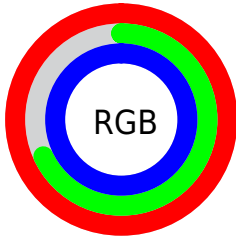
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">254, 174, 255</a>
Decimal	<a href="#">16690943</a>
CIELab	<a href="#">81.05, 41.78, -28.37</a>
CIELCh	<a href="#">81, 50.498, 325.819</a>
Yxy	<a href="#">58.5629, 0.3156, 0.2496</a>
Android (android.graphics.Color)	<a href="#">4294881023 (0xFFFEAEFF)</a>
YUV	<a href="#">207.1540, 23.5881, 41.0839</a>
Hunter-Lab	<a href="#">76.5264, 38.8238, -25.4639</a>

# Details

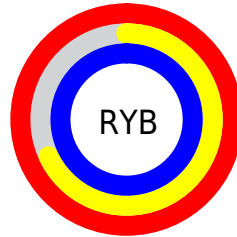
The XYZ color **74.0591, 58.5629, 102.0082** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.0806, 83.6906, 52.9819**, and the grayscale version is **59.2519, 62.3376, 67.8857**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **39.6745, 29.2459, 56.9800** is the 20% darker color. If you saturate the color by 10%, you get **69.4781, 49.5707, 100.5139**, and if you desaturate by 10%, it is **79.5787, 69.4304, 103.8149**.

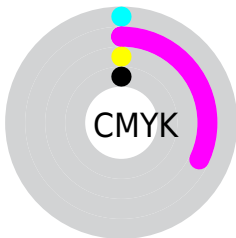
# Distribution



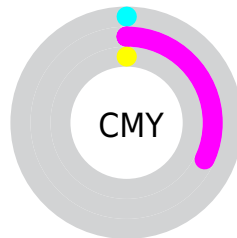
- Red (100%)
- Green (68%)
- Blue (100%)



- Red (100%)
- Yellow (68%)
- Blue (100%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0591, 58.5629, 102.0082 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 74.0591, 58.5629, 102.0082 by changing the saturation by 10% instead.




 74.0591, 58.5629,  
102.0082

 74.0591, 58.5629,  
102.0082

463.7245,  
419.2802, 587.9137

 55.1339, 42.2614,  
77.3525


 123.9746,  
102.7421, 165.9901

 39.7432, 29.3060,  
57.0290

155.6956,  
131.3886, 206.1533

 27.5217, 19.3124,  
40.6190


192.4126,  
164.9188, 252.3229

 18.1040, 11.8962,  
27.7040

234.4909,  
203.7172, 304.9173

 11.1248, 6.6731,  
17.8656

282.2959,  
248.1681, 364.3550

 6.2188, 3.2585,  
10.6851

336.1929,

 3.0205, 1.2681,

298.6560, 431.0546

5.7440

396.5473,  
355.5652, 505.4347

■ 1.1646, 0.1163,  
2.6238

■ 0.0781, 0.0000,  
0.9047

■ 74.0591, 58.5629,  
102.0082

■ 74.0591, 58.5629,  
102.0082

■ 69.4781, 49.5707,  
100.5139

■ 79.5787, 69.4304,  
103.8149

■ 65.7776, 42.3400,  
99.3133

■ 86.0808, 82.2634,  
105.9492

■ 62.9010, 36.7568,  
98.3873

■ 93.6125, 97.1553,  
108.4267

■ 60.7828, 32.6902,  
97.7140

95.0500, 100.0000,  
108.9000

■ 59.3478, 29.9896,  
97.2683

■ 58.5052, 28.4736,  
97.0201

■ 58.1431, 27.8888,  
96.9263

# Harmonies

## Analogous

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



64.9114, 58.5629, 131.1287



74.0591, 58.5629, 102.0082



78.2841, 58.5629, 68.0670

# Triad

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



74.0591, 58.5629, 102.0082



57.1448, 58.5629, 21.7791



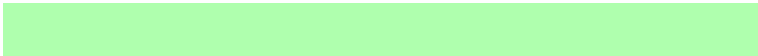
39.4171, 58.5629, 92.3585

# Complementary

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



74.0591, 58.5629, 102.0082



61.0806, 83.6906, 52.9819

# 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.



37.8813, 58.5629, 59.6483



74.0591, 58.5629, 102.0082



47.3363, 58.5629, 24.6366

# Square

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



74.0591, 58.5629, 102.0082



67.7725, 58.5629, 26.9374



40.5961, 58.5629, 36.5198



45.0881, 58.5629, 124.4398



# Rectangle

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



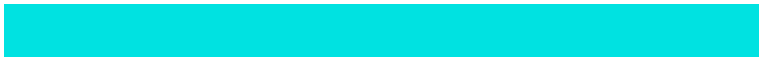
74.0591, 58.5629, 102.0082



77.3965, 58.5629, 49.2866



40.5961, 58.5629, 36.5198



38.4332, 58.5629, 80.8329

# Sweetspot

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



74.0608, 58.5654, 102.0086



87.3323, 84.7362, 106.3605



50.9060, 47.0178, 101.0000



18.4786, 17.7139, 22.6951



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.



74.0608, 58.5654, 102.0086



71.0959, 52.7420, 101.0408



68.7528, 56.4845, 72.1449



18.7693, 18.2883, 22.7907



30.3912, 14.5777, 50.6466



2.9659, 1.4229, 4.9316



# Inverse Universe

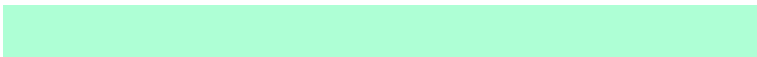
The Inverse Universe completely reimagines the original color for something new.



64.1154, 54.6295, 47.7247



59.7675, 48.2613, 39.1002



65.2465, 85.3312, 76.0843



18.0185, 17.9907, 18.7145



21.5617, 11.1140, 1.0765



2.1024, 1.0833, 0.1209



# Previews

## White Background



This preview shows how the XYZ color 74.0591, 58.5629, 102.0082 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

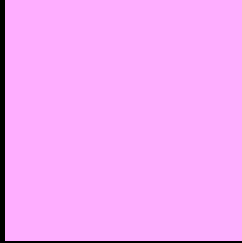
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.0591, 58.5629, 102.0082 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

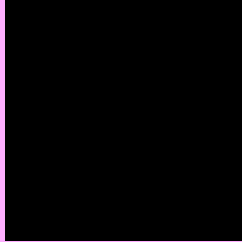
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 74.0591, 58.5629, 102.0082

## Background



This preview shows how black text looks on a background with the XYZ color 74.0591, 58.5629, 102.0082.



This preview shows how white text looks on a background with the XYZ color 74.0591, 58.5629,



# 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

74.0591, 58.5629, 102.0082

### Protanopia

59.1978, 59.0933, 102.8938

### Deuteranopia

60.3716, 59.0890, 99.4902



## Tritanopia

65.6638, 58.4143, 61.8471

# Trichromacy



## Original Color

74.0591, 58.5629, 102.0082



## Protanomaly

63.5448, 58.3305, 102.5175



## Deuteranomaly

64.3836, 58.1752, 99.9310



## Tritanomaly

68.3770, 58.3020, 74.6674

# Monochromacy



## Original Color

74.0591, 58.5629, 102.0082



## 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 74.0591, 58.5629, 102.0082 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(254, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 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(254, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 74.0591, 58.5629, 102.0082 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(254, 174, 255) }
```



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

```
.border{ border-color:rgb(254, 174, 255) }
```

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

Here you see how a box with a 4 pixel rgb(254, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.0591, 58.5629, 102.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 255) }
```

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

```
.background{ background-color: rgb(254,  
174, 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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