

Converting Colors

XYZ(72.7672, 57.9198, 95.3138)

Have a look what the booklet for
XYZ(72.7672, 57.9198, 95.3138)
contains.

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Color

**XYZ(72.7976, 58.0583,
95.3652)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEAEF7 |
| RGB | 254, 174, 247 |
| RGB Percent | 100%, 68%, 97% |
| CMY | 0.0039, 0.3176, 0.0314 |
| CMYK | 0.00, 0.31, 0.03, 0.00 |
| HSL | 305°, 98%, 84% |
| HSV | 305°, 31%, 100% |
| XYZ | 72.7976, 58.0583, 95.3652 |
| YIQ | 206.2420, 24.2470, 39.6630 |

Conversions

Conversions Part 2

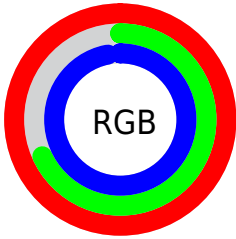
| Format | Color |
|-------------------------------------|--|
| RYB | 254, 174, 247 |
| Decimal | 16690935 |
| CIELab | 80.77, 40.35, -24.51 |
| CIElCh | 81, 47.213, 328.728 |
| Yxy | 58.0583, 0.3218, 0.2566 |
| Android (android.graphics.Color) | 4294881015 (0xFFFEAEF7) |
| YUV | 206.2420, 20.0937, 41.8838 |
| Hunter-Lab | 76.1960, 37.1958, -20.8688 |

Details

The XYZ color **72.7976, 58.0583, 95.3652** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.2403, 83.2204, 56.5548**, and the grayscale version is **58.6872, 61.7435, 67.2387**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **38.7757, 28.8864, 52.2471** is the 20% darker color. If you saturate the color by 10%, you get **68.0063, 49.0204, 92.0863**, and if you desaturate by 10%, it is **78.5244, 68.9585, 98.9773**.

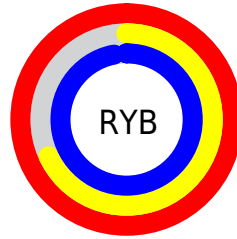
Distribution



Red (100%)

Green (68%)

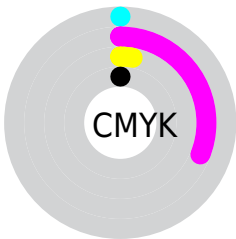
Blue (97%)



Red (100%)

Yellow (68%)

Blue (97%)

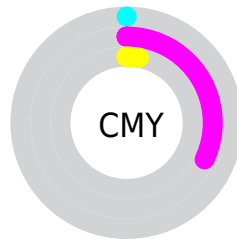


Cyan (0%)

Magenta (31%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7976, 58.0583, 95.3652 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 72.7976, 58.0583, 95.3652 by changing the saturation by 10% instead.


 72.7976, 58.0583,
95.3652

 72.7976, 58.0583,
95.3652


459.4277,
417.4031, 566.3476

 54.0983, 41.8555,
71.8404


 122.1945,
102.0078, 156.7690

 38.9112, 28.9882,
52.5423


153.6228,
130.5232, 195.4850

 26.8711, 19.0719,
37.0523

190.0248,
163.9117, 240.1019

 17.6125, 11.7222,
24.9519

231.7658,
202.5576, 291.0381

 10.7701, 6.5548,
15.8225

279.2113,
246.8453, 348.7123

 5.9786, 3.1853,
9.2456

332.7265,

 2.8726, 1.2292,

297.1592, 413.5429

4.8028

392.6769,
353.8837, 485.9485

■ 1.0868, 0.0854,
2.0753

■ 0.0140, 0.0000,
0.6010

■ 72.7976, 58.0583,
95.3652

■ 72.7976, 58.0583,
95.3652

■ 68.0063, 49.0204,
92.0863

■ 78.5244, 68.9585,
98.9773

■ 64.0927, 41.7323,
89.1195

■ 85.2295, 81.8099,
102.9352

■ 61.0007, 36.0811,
86.4466

■ 92.9598, 96.7051,
107.2551

■ 58.6660, 31.9379,
84.0461

94.6836, 99.8111,
108.8829

■ 57.0142, 29.1541,
81.8931

■ 55.9561, 27.5512,
79.9579

■ 55.4070, 26.8845,
78.4443

Harmonies

Analogous

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



64.6880, 58.0583, 122.9174



72.7976, 58.0583, 95.3652



76.1159, 58.0583, 64.4145

Triad

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



72.7976, 58.0583, 95.3652



55.5997, 58.0583, 23.3112



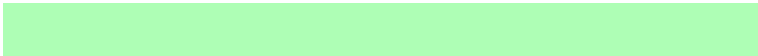
40.3281, 58.0583, 92.6765

Complementary

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



72.7976, 58.0583, 95.3652



61.2403, 83.2204, 56.5548

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.



38.4892, 58.0583, 62.0317



72.7976, 58.0583, 95.3652



46.6574, 58.0583, 26.8681

Square

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



72.7976, 58.0583, 95.3652



65.4923, 58.0583, 27.5472



40.6665, 58.0583, 39.2500



46.0160, 58.0583, 121.0707

Rectangle

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



72.7976, 58.0583, 95.3652



74.8988, 58.0583, 47.5035



40.6665, 58.0583, 39.2500



39.2711, 58.0583, 82.0586

Sweetspot

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



72.7994, 58.0609, 95.3664



87.8390, 86.0927, 104.9094



52.0060, 47.2143, 100.1395



18.5688, 17.9804, 22.3229



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.



72.7994, 58.0609, 95.3664



70.1985, 52.4337, 94.0288



67.3145, 55.8669, 66.4834



18.7201, 18.2713, 22.4090



29.2389, 14.1849, 41.5042



2.8662, 1.3889, 4.1429

Inverse Universe

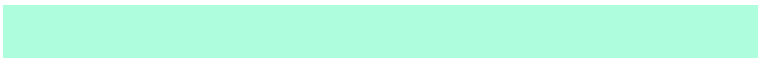
The Inverse Universe completely reimagines the original color for something new.



72.7994, 58.0609, 95.3664



70.1985, 52.4337, 94.0288



65.9063, 85.0868, 81.1260



18.7201, 18.2713, 22.4090



29.2389, 14.1849, 41.5042



2.8662, 1.3889, 4.1429

Previews

White Background



This preview shows how the XYZ color 72.7976, 58.0583, 95.3652 looks on a white background.

Color Contrast Check

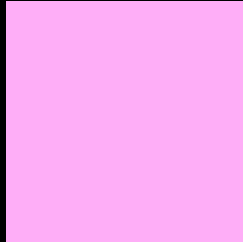
Large Text (above 18pt) WCAG AA × Fail

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 72.7976, 58.0583, 95.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

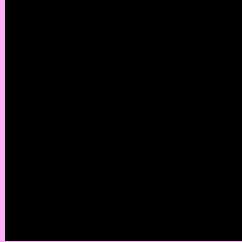
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7976, 58.0583, 95.3652

Background



This preview shows how black text looks on a background with the XYZ color 72.7976, 58.0583, 95.3652.



This preview shows how white text looks on a background with the XYZ color 72.7976, 58.0583,

95.3652.

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

72.7976, 58.0583, 95.3652

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.7370, 58.2303, 92.8851



Tritanopia

66.0449, 58.3147, 61.2010

Trichromacy



Original Color

72.7976, 58.0583, 95.3652



Protanomaly

62.8481, 57.7041, 99.9210



Deuteranomaly

63.8276, 57.7137, 93.3637



Tritanomaly

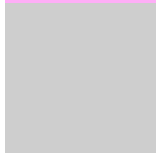
68.1403, 57.9244, 72.5549

Monochromacy



Original Color

72.7976, 58.0583, 95.3652



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.7744, 59.4920, 76.5812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7976, 58.0583, 95.3652 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 247) }
```

Border

The CSS property to change the border of an element to XYZ 72.7976, 58.0583, 95.3652 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, 247) }
```


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

```
.border{ border-color:rgb(254, 174, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7976, 58.0583, 95.3652 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, 247) }
```

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

```
.background{ background-color: rgb(254,  
174, 247) }
```

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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