

Converting Colors

XYZ(72.6276, 59.3089, 94.4833)

Have a look what the booklet for
XYZ(72.6276, 59.3089, 94.4833)
contains.

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Color

**XYZ(72.8995, 59.5895,
94.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB3F6
RGB	252, 179, 246
RGB Percent	99%, 70%, 96%
CMY	0.0118, 0.2980, 0.0353
CMYK	0.00, 0.29, 0.02, 0.01
HSL	305°, 92%, 85%
HSV	305°, 29%, 99%
XYZ	72.8995, 59.5895, 94.8485
YIQ	208.4650, 22.0010, 36.3130

Conversions

Conversions Part 2

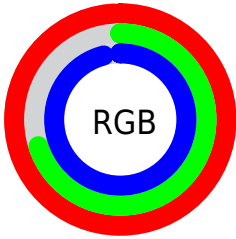
Format	Color
R _Y B	252, 179, 246
Decimal	16561142
CIE _{Lab}	81.61, 36.93, -22.71
CIE _{LCh}	82, 43.354, 328.414
Y _{xy}	59.5895, 0.3207, 0.2621
Android (android.graphics.Color)	4294751222 (0xFFFCB3F6)
Y _{UV}	208.4650, 18.5048, 38.1802
Hunter-Lab	77.1942, 33.4792, -18.8136

Details

The XYZ color **72.8995, 59.5895, 94.8485** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.1602, 82.7091, 58.5906**, and the grayscale version is **60.1312, 63.2627, 68.8931**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **38.8760, 29.8543, 52.4287** is the 20% darker color. If you saturate the color by 10%, you get **67.9874, 50.2702, 91.6517**, and if you desaturate by 10%, it is **78.7418, 70.7612, 98.3741**.

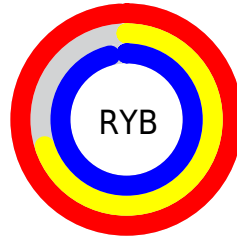
Distribution



Red (99%)

Green (70%)

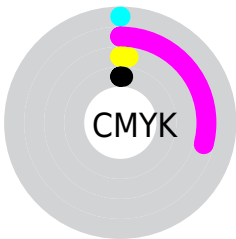
Blue (96%)



Red (99%)

Yellow (70%)

Blue (96%)

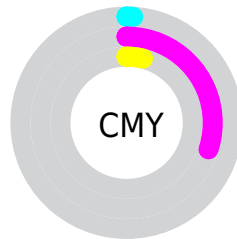


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (1%)



Cyan (1%)


Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8995, 59.5895, 94.8485 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 72.8995, 59.5895, 94.8485 by changing the saturation by 10% instead.


 72.8995, 59.5895,
94.8485

 72.8995, 59.5895,
94.8485


459.7756,
423.0830, 564.6518

 54.1819, 43.0878,
71.4127


 122.3384,
104.2340, 156.0491

 38.9783, 29.9540,
52.1952

153.7904,
133.1455, 194.6509

 26.9235, 19.8037,
36.7773

190.2180,
166.9626, 239.1452

 17.6521, 12.2524,
24.7407

231.9863,
206.0694, 289.9504

 10.7987, 6.9158,
15.6667

279.4609,
250.8505, 347.4851

 5.9979, 3.4095,
9.1368

333.0071,

 2.8845, 1.3491,

301.6902, 412.1679

4.7325

392.9902,
358.9729, 484.4173

■ 1.0930, 0.1787,
2.0352

■ 0.0192, 0.0000,
0.5768

■ 72.8995, 59.5895,
94.8485

■ 72.8995, 59.5895,
94.8485

■ 67.9874, 50.2702,
91.6517

■ 78.7418, 70.7612,
98.3741

■ 63.9495, 42.6948,
88.7632

■ 85.5551, 83.8705,
102.2403

■ 60.7325, 36.7557,
86.1657

■ 93.3847, 99.0067,
106.4629

■ 58.2752, 32.3300,
83.8387

■ 93.8407, 99.3898,
108.2452

■ 56.5073, 29.2778,
81.7588

93.9554, 99.4357,
108.8488

■ 55.3459, 27.4329,
79.8982

■ 54.6683, 26.5501,
78.2161

■ 54.6097, 26.4814,
78.0470

Harmonies

Analogous

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



65.3840, 59.5895, 119.7298



72.8995, 59.5895, 94.8485



76.0036, 59.5895, 66.2806

Triad

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



72.8995, 59.5895, 94.8485



57.1240, 59.5895, 26.5596



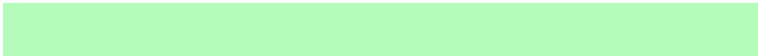
42.5927, 59.5895, 91.7858

Complementary

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



72.8995, 59.5895, 94.8485



62.1602, 82.7091, 58.5906

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.



40.8777, 59.5895, 63.5049



72.8995, 59.5895, 94.8485



48.7089, 59.5895, 30.0193

Square

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



72.8995, 59.5895, 94.8485



66.3121, 59.5895, 30.8571



42.9947, 59.5895, 42.0042



47.9538, 59.5895, 117.6540

Rectangle

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



72.8995, 59.5895, 94.8485



74.9263, 59.5895, 50.2981



42.9947, 59.5895, 42.0042



41.5977, 59.5895, 82.0451

Sweetspot

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



72.9014, 59.5921, 94.8498



87.8584, 86.1005, 105.0118



53.4287, 49.4455, 98.8245



18.5737, 17.9824, 22.3483



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.



72.9014, 59.5921, 94.8498



71.7219, 55.1981, 95.4077



67.9791, 57.6232, 68.9293



17.9279, 17.4985, 21.4759



28.4730, 13.8049, 40.7950



2.6548, 1.2856, 3.8714

Inverse Universe

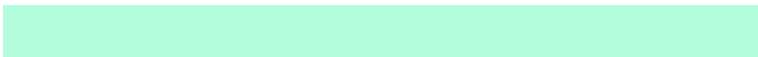
The Inverse Universe completely reimagines the original color for something new.



72.9014, 59.5921, 94.8498



71.7219, 55.1981, 95.4077



66.3699, 84.3930, 80.7587



17.9279, 17.4985, 21.4759



28.4730, 13.8049, 40.7950



2.6548, 1.2856, 3.8714

Previews

White Background



This preview shows how the XYZ color 72.8995, 59.5895, 94.8485 looks on a white background.

Color Contrast Check

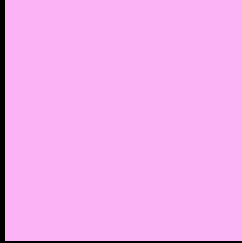
Large Text (above 18pt) WCAG AA × Fail

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 72.8995, 59.5895, 94.8485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

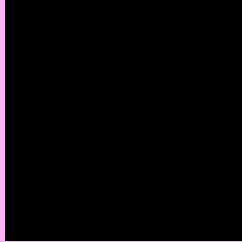
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8995, 59.5895, 94.8485

Background



This preview shows how black text looks on a background with the XYZ color 72.8995, 59.5895, 94.8485.



This preview shows how white text looks on a background with the XYZ color 72.8995, 59.5895,

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

72.8995, 59.5895, 94.8485

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.3523, 60.0950, 92.3703



Tritanopia

66.4370, 59.3977, 63.8404

Trichromacy



Original Color

72.8995, 59.5895, 94.8485



Protanomaly

64.0812, 59.3143, 100.1668



Deuteranomaly

64.8461, 59.5425, 92.8691



Tritanomaly

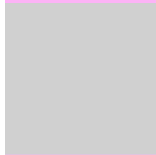
68.5068, 59.2994, 74.1649

Monochromacy



Original Color

72.8995, 59.5895, 94.8485



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.8915, 61.0537, 77.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8995, 59.5895, 94.8485 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(252, 179, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 179, 246)  
}
```

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(252, 179, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 179, 246) }
```

Border

The CSS property to change the border of an element to XYZ 72.8995, 59.5895, 94.8485 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(252, 179, 246) }
```


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

```
.border{ border-color:rgb(252, 179, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 179, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 179, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 179, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 179,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8995, 59.5895, 94.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 179, 246) }
```

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

```
.background{ background-color: rgb(252,  
179, 246) }
```

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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