

Converting Colors

XYZ(86.2730, 73.6567, 95.4451)

Have a look what the booklet for XYZ(86.2730, 73.6567, 95.4451) contains.

- XYZ(78.4558, 69.5649, 94.8803) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(78.4558, 69.5649,
94.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F4
RGB	255, 201, 244
RGB Percent	100%, 79%, 96%
CMY	0.0000, 0.2117, 0.0431
CMYK	0.00, 0.21, 0.04, 0.00
HSL	312°, 100%, 89%
HSV	312°, 21%, 100%
XYZ	78.4558, 69.5649, 94.8803
YIQ	222.0480, 18.3810, 24.8210

Conversions

Conversions Part 2

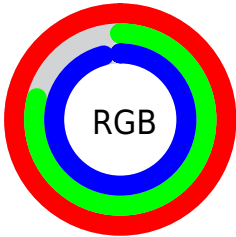
Format	Color
RYB	255, 201, 244
Decimal	16763380
CIELab	86.78, 26.00, -13.82
CIELCh	87, 29.442, 332.009
Yxy	69.5649, 0.3230, 0.2864
Android (android.graphics.Color)	4294953460 (0xFFFFC9F4)
YUV	222.0480, 10.8223, 28.8989
Hunter-Lab	83.4056, 21.9470, -9.0631

Details

The XYZ color **78.4558, 69.5649, 94.8803** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7331, 88.6920, 75.6288**, and the grayscale version is **69.3834, 72.9967, 79.4934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7995, 36.5040, 52.3672** is the 20% darker color. If you saturate the color by 10%, you get **72.2201, 58.3378, 88.9658**, and if you desaturate by 10%, it is **85.7035, 82.7799, 101.2437**.

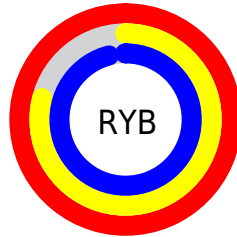
Distribution



Red (100%)

Green (79%)

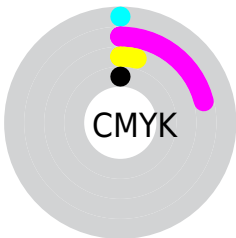
Blue (96%)



Red (100%)

Yellow (79%)

Blue (96%)

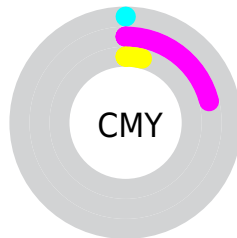


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4558, 69.5649, 94.8803 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 78.4558, 69.5649, 94.8803 by changing the saturation by 10% instead.


 78.4558, 69.5649,
94.8803

 78.4558, 69.5649,
94.8803


478.5296,
459.0208, 564.7562

 58.7526, 51.1719,
71.4390


130.1544,
118.5881, 156.0934

 42.6596, 36.3454,
52.2165


162.8805,
149.9870, 194.7023

 29.8115, 24.7011,
36.7943


200.6783,
186.4901, 239.2041

 19.8429, 15.8545,
24.7537

243.9131,
228.4816, 290.0174

 12.3885, 9.4213,
15.6763

292.9503,
276.3461, 347.5607

 7.0829, 5.0170,
9.1435

348.1552,

 3.5608, 2.2572,

330.4679, 412.2526

4.7368

409.8931,
391.2313, 484.5116

■ 1.4568, 0.7509,
2.0377

■ 0.2962, 0.0000,
0.5783

■ 78.4558, 69.5649,
94.8803

■ 78.4558, 69.5649,
94.8803

■ 72.2201, 58.3378,
88.9658

■ 85.7035, 82.7799,
101.2437

■ 66.9429, 48.9928,
83.4787

■ 94.0041, 98.0652,
108.0677

■ 62.5729, 41.4271,
78.4018

95.0500, 100.0000,
108.9000

■ 59.0519, 35.5246,
73.7149

■ 56.3147, 31.1553,
69.3954

■ 54.2865, 28.1701,
65.4173

■ 52.8777, 26.3897,
61.7498

■ 52.0262, 25.5745,
58.7294

Harmonies

Analogous

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



73.3555, 69.5649, 112.4788



78.4558, 69.5649, 94.8803



80.1876, 69.5649, 74.4286

Triad

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



78.4558, 69.5649, 94.8803



65.6583, 69.5649, 43.9329



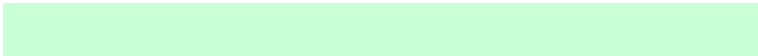
55.5595, 69.5649, 97.5690

Complementary

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



78.4558, 69.5649, 94.8803



71.7331, 88.6920, 75.6288

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.



53.8010, 69.5649, 77.0755



78.4558, 69.5649, 94.8803



59.3754, 69.5649, 48.0298

Square

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



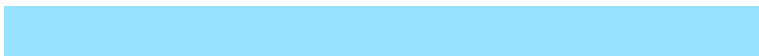
78.4558, 69.5649, 94.8803



72.5011, 69.5649, 47.0596



55.1490, 69.5649, 59.3716



60.1235, 69.5649, 114.2103

Rectangle

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



78.4558, 69.5649, 94.8803



79.1092, 69.5649, 62.4591



55.1490, 69.5649, 59.3716



54.6355, 69.5649, 90.7913

Sweetspot

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



78.4573, 69.5677, 94.8818



89.8640, 90.4246, 104.7159



66.0330, 62.9640, 103.2807



19.1188, 19.1414, 22.3182



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.



78.4573, 69.5677, 94.8818



75.9545, 65.0424, 92.5667



74.6789, 68.0563, 74.9850



18.6248, 18.2332, 21.9072



27.2403, 13.3854, 30.9793



2.6905, 1.3186, 3.2175

Inverse Universe

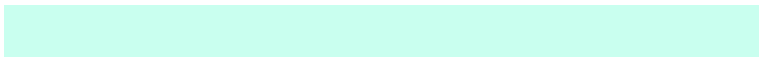
The Inverse Universe completely reimagines the original color for something new.



78.4573, 69.5677, 94.8818



75.9545, 65.0424, 92.5667



75.3996, 90.1586, 94.9362



18.6248, 18.2332, 21.9072



27.2403, 13.3854, 30.9793



2.6905, 1.3186, 3.2175

Previews

White Background



This preview shows how the XYZ color 78.4558, 69.5649, 94.8803 looks on a white background.

Color Contrast Check

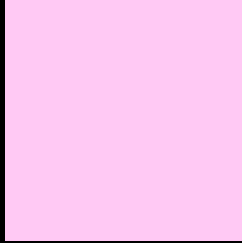
Large Text (above 18pt) WCAG AA × Fail

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 78.4558, 69.5649, 94.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

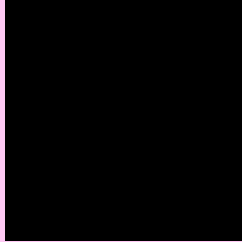
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4558, 69.5649, 94.8803

Background



This preview shows how black text looks on a background with the XYZ color 78.4558, 69.5649, 94.8803.



This preview shows how white text looks on a background with the XYZ color 78.4558, 69.5649,

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

78.4558, 69.5649, 94.8803

Protanopia

69.0236, 69.9691, 103.6334

Deuteranopia

71.2490, 69.8287, 93.7275



Tritanopia

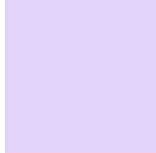
75.0274, 69.5785, 77.8822

Trichromacy



Original Color

78.4558, 69.5649, 94.8803



Protanomaly

71.9136, 69.6594, 100.0978



Deuteranomaly

73.6586, 69.5873, 94.3435



Tritanomaly

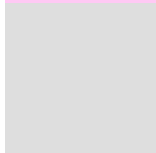
76.2437, 69.7255, 83.5686

Monochromacy



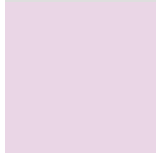
Original Color

78.4558, 69.5649, 94.8803



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.2612, 71.2987, 84.8164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4558, 69.5649, 94.8803 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, 201, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 244)  
}
```

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, 201, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 244) }
```

Border

The CSS property to change the border of an element to XYZ 78.4558, 69.5649, 94.8803 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, 201, 244) }
```


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

```
.border{ border-color:rgb(255, 201, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4558, 69.5649, 94.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 244) }
```

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

```
.background{ background-color: rgb(255,  
201, 244) }
```

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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