

Converting Colors

XYZ(78.1268, 68.6705, 95.4997)

Have a look what the booklet for
XYZ(78.1268, 68.6705, 95.4997)
contains.

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Color

**XYZ(78.1449, 68.6994,
95.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7F5
RGB	255, 199, 245
RGB Percent	100%, 78%, 96%
CMY	0.0000, 0.2196, 0.0392
CMYK	0.00, 0.22, 0.04, 0.00
HSL	311°, 100%, 89%
HSV	311°, 22%, 100%
XYZ	78.1449, 68.6994, 95.5278
YIQ	220.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

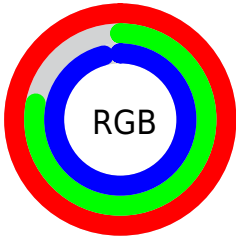
Format	Color
R _Y B	255, 199, 245
Decimal	16762869
CIE Lab	86.35, 27.22, -14.99
CIE LCh	86, 31.077, 331.161
Yxy	68.6994, 0.3224, 0.2834
Android (android.graphics.Color)	4294952949 (0xFFFFC7F5)
YUV	220.9880, 11.8379, 29.8285
Hunter-Lab	82.8851, 23.2427, -10.3141

Details

The XYZ color **78.1449, 68.6994, 95.5278** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.8239, 88.2666, 73.6289**, and the grayscale version is **68.6306, 72.2048, 78.6310**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5994, 35.9307, 52.8342** is the 20% darker color. If you saturate the color by 10%, you get **72.0755, 57.6594, 90.1178**, and if you desaturate by 10%, it is **85.2173, 81.7178, 101.3585**.

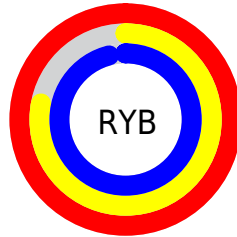
Distribution



Red (100%)

Green (78%)

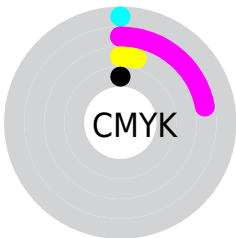
Blue (96%)



Red (100%)

Yellow (78%)

Blue (96%)

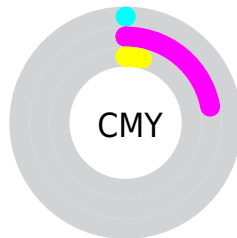


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1449, 68.6994, 95.5278 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 78.1449, 68.6994, 95.5278 by changing the saturation by 10% instead.

 78.1449, 68.6994,
95.5278

 78.1449, 68.6994,
95.5278


477.4911,
455.9701, 566.8807

 58.4962, 50.4669,
71.9750


129.7187,
117.3521, 156.9954

 42.4525, 35.7846,
52.6516

162.3744,
148.5412, 195.7474

 29.6484, 24.2678,
37.1389


200.0966,
184.8179, 240.4028

 19.7186, 15.5324,
25.0184

243.2506,
226.5666, 291.3802

 12.2978, 9.1939,
15.8716

292.2016,
274.1718, 349.0981

 7.0204, 4.8679,
9.2800

347.3152,

 3.5213, 2.1699,

328.0179, 413.9752

4.8250

408.9565,
388.4892, 486.4299

■ 1.4351, 0.7035,
2.0880

■ 0.2810, 0.0000,
0.6086

■ 78.1449, 68.6994,
95.5278

■ 78.1449, 68.6994,
95.5278

■ 72.0755, 57.6594,
90.1178

■ 85.2173, 81.7178,
101.3585

■ 66.9558, 48.4916,
85.1072

■ 93.3341, 96.7974,
107.6213

■ 62.7338, 41.0924,
80.4791

95.0500, 100.0000,
108.9000

■ 59.3510, 35.3447,
76.2133

■ 56.7417, 31.1175,
72.2873

■ 54.8303, 28.2597,
68.6753

■ 53.5255, 26.5889,
65.3462

■ 52.8063, 25.8865,
62.8374

Harmonies

Analogous

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



72.7000, 68.6994, 113.9690



78.1449, 68.6994, 95.5278



80.0865, 68.6994, 74.0039

Triad

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



78.1449, 68.6994, 95.5278



65.0175, 68.6994, 41.8406



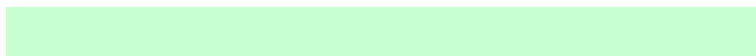
54.1867, 68.6994, 97.1700

Complementary

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



78.1449, 68.6994, 95.5278



70.8239, 88.2666, 73.6289

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.



52.4500, 68.6994, 75.6057



78.1449, 68.6994, 95.5278



58.4139, 68.6994, 45.8262

Square

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



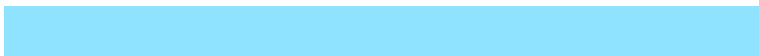
78.1449, 68.6994, 95.5278



72.1809, 68.6994, 45.2509



53.9402, 68.6994, 57.3142



58.8647, 68.6994, 115.0327

Rectangle

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



78.1449, 68.6994, 95.5278



79.0283, 68.6994, 61.4241



53.9402, 68.6994, 57.3142



53.2557, 68.6994, 89.9936

Sweetspot

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



78.1463, 68.7021, 95.5292



89.1086, 88.9317, 104.4088



64.5823, 61.5284, 103.0801



18.9685, 18.8412, 22.2671



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.



78.1463, 68.7021, 95.5292



75.5751, 64.0070, 93.2928



74.2765, 67.1542, 75.1511



18.6453, 18.2414, 22.0151



27.6430, 13.5465, 33.1003



2.7262, 1.3329, 3.4058

Inverse Universe

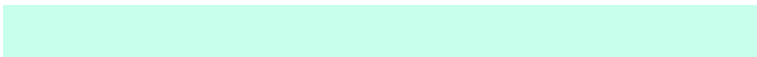
The Inverse Universe completely reimagines the original color for something new.



78.1463, 68.7021, 95.5292



75.5751, 64.0070, 93.2928



74.5038, 89.7385, 93.0070



18.6453, 18.2414, 22.0151



27.6430, 13.5465, 33.1003



2.7262, 1.3329, 3.4058

Previews

White Background



This preview shows how the XYZ color 78.1449, 68.6994, 95.5278 looks on a white background.

Color Contrast Check

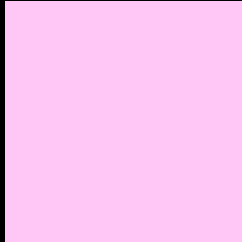
Large Text (above 18pt) WCAG AA × Fail

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 78.1449, 68.6994, 95.5278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

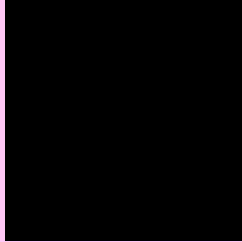
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1449, 68.6994, 95.5278

Background



This preview shows how black text looks on a background with the XYZ color 78.1449, 68.6994, 95.5278.



This preview shows how white text looks on a background with the XYZ color 78.1449, 68.6994,

95.5278.

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

78.1449, 68.6994, 95.5278

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.5233, 69.0671, 94.4083



Tritanopia

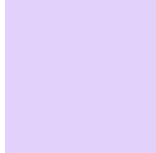
74.5239, 68.9957, 76.4075

Trichromacy



Original Color

78.1449, 68.6994, 95.5278



Protanomaly

71.2644, 68.5735, 100.7468



Deuteranomaly

73.2340, 68.9902, 95.0445



Tritanomaly

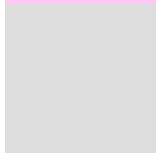
75.6321, 68.7251, 82.6778

Monochromacy



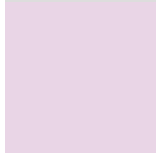
Original Color

78.1449, 68.6994, 95.5278



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.6815, 70.6253, 84.7169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1449, 68.6994, 95.5278 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, 199, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 245)  
}
```

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, 199, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 245) }
```

Border

The CSS property to change the border of an element to XYZ 78.1449, 68.6994, 95.5278 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, 199, 245) }
```


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

```
.border{ border-color:rgb(255, 199, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1449, 68.6994, 95.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 245) }
```

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

```
.background{ background-color: rgb(255,  
199, 245) }
```

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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