

Converting Colors

XYZ(78.9741, 72.2748, 96.9768)

Have a look what the booklet for
XYZ(78.9741, 72.2748, 96.9768)
contains.

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Color

**XYZ(78.9741, 72.2748,
96.9768)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0F6
RGB	251, 208, 246
RGB Percent	98%, 82%, 96%
CMY	0.0157, 0.1843, 0.0353
CMYK	0.00, 0.17, 0.02, 0.02
HSL	307°, 84%, 90%
HSV	307°, 17%, 98%
XYZ	78.9741, 72.2748, 96.9768
YIQ	225.1890, 13.4300, 20.9340

Conversions

Conversions Part 2

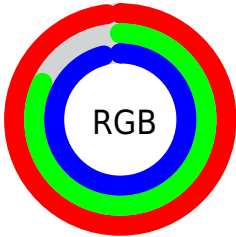
Format	Color
R _Y B	251, 208, 246
Decimal	16503030
CIE Lab	88.10, 21.35, -12.94
CIE LCh	88, 24.966, 328.773
Yxy	72.2748, 0.3182, 0.2912
Android (android.graphics.Color)	4294693110 (0xFFFBD0F6)
YUV	225.1890, 10.2598, 22.6362
Hunter-Lab	85.0146, 17.0416, -8.1224

Details

The XYZ color **78.9741, 72.2748, 96.9768** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5227, 87.2105, 75.9657**, and the grayscale version is **71.6275, 75.3577, 82.0646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9336, 37.9695, 53.7812** is the 20% darker color. If you saturate the color by 10%, you get **72.8883, 60.8136, 92.7557**, and if you desaturate by 10%, it is **86.0396, 85.6819, 101.5609**.

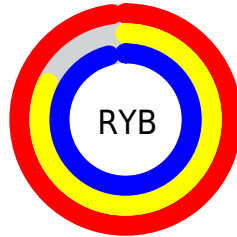
Distribution



Red (98%)

Green (82%)

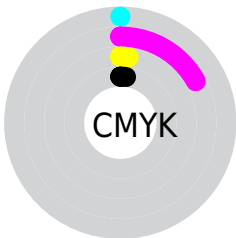
Blue (96%)



Red (98%)

Yellow (82%)

Blue (96%)

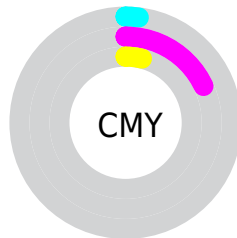


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9741, 72.2748, 96.9768 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 78.9741, 72.2748, 96.9768 by changing the saturation by 10% instead.


 78.9741, 72.2748,
96.9768

 78.9741, 72.2748,
96.9768


480.2581,
468.4975, 571.6195

 59.1801, 53.3832,
73.1754


130.8805,
122.4471, 159.0118

 43.0050, 38.1088,
53.6267


163.7236,
154.4967, 198.0825

 30.0836, 26.0671,
37.9122


201.6471,
191.7009, 243.0801

 20.0504, 16.8739,
25.6132

245.0164,
234.4444, 294.4230

 12.5402, 10.1446,
16.3113

294.1967,
283.1113, 352.5299

 7.1875, 5.4949,
9.5880

349.5536,

 3.6270, 2.5405,

338.0863, 417.8192

5.0246

411.4522,
399.7535, 490.7096

■ 1.4934, 0.8968,
2.2027

■ 0.3213, 0.0000,
0.6759

■ 78.9741, 72.2748,
96.9768

■ 78.9741, 72.2748,
96.9768

■ 72.8883, 60.8136,
92.7557

■ 86.0396, 85.6819,
101.5609

■ 67.7303, 51.1979,
88.8776

■ 93.0895, 99.0476,
106.1739

■ 63.4532, 43.3327,
85.3275

■ 93.5554, 99.2340,
108.6272

■ 60.0033, 37.1107,
82.0875

■ 93.5942, 99.2495,
108.8319

■ 57.3210, 32.4130,
79.1374

■ 55.3387, 29.1045,
76.4546

■ 53.9772, 27.0263,
74.0126

■ 53.1344, 25.9747,
71.7770

■ 52.9437, 25.7733,
71.1586

Harmonies

Analogous

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



74.3634, 72.2748, 111.1315



78.9741, 72.2748, 96.9768



80.8083, 72.2748, 79.4002

Triad

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



78.9741, 72.2748, 96.9768



68.9408, 72.2748, 50.2177



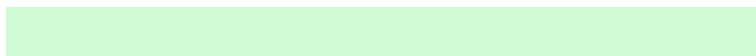
59.1266, 72.2748, 95.5837

Complementary

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



78.9741, 72.2748, 96.9768



72.5227, 87.2105, 75.9657

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.



57.8571, 72.2748, 77.9939



78.9741, 72.2748, 96.9768



63.3223, 72.2748, 53.2775

Square

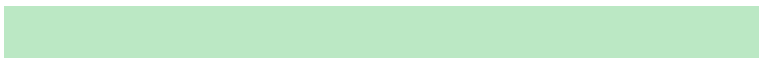
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



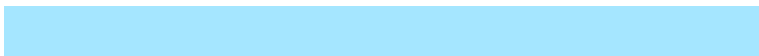
78.9741, 72.2748, 96.9768



74.8127, 72.2748, 53.8214



59.3490, 72.2748, 62.8685



62.9203, 72.2748, 110.2488

Rectangle

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



78.9741, 72.2748, 96.9768



80.1334, 72.2748, 68.5927



59.3490, 72.2748, 62.8685



58.4005, 72.2748, 89.7434

Sweetspot

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



78.9762, 72.2780, 96.9784



90.8787, 92.0380, 106.3364



67.2096, 66.1221, 100.4886



19.3309, 19.4696, 22.6849



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.



78.9762, 72.2780, 96.9784



79.2951, 70.0688, 98.7817



75.9600, 71.0714, 81.0948



17.9010, 17.4878, 21.3344



27.8643, 13.5614, 37.5894



2.6046, 1.2656, 3.6072

Inverse Universe

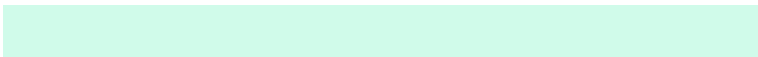
The Inverse Universe completely reimagines the original color for something new.



78.9762, 72.2780, 96.9784



79.2951, 70.0688, 98.7817



75.3347, 88.3353, 90.7736



17.9010, 17.4878, 21.3344



27.8643, 13.5614, 37.5894



2.6046, 1.2656, 3.6072

Previews

White Background



This preview shows how the XYZ color 78.9741, 72.2748, 96.9768 looks on a white background.

Color Contrast Check

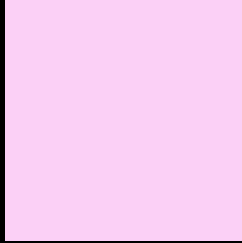
Large Text (above 18pt) WCAG AA × Fail

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 78.9741, 72.2748, 96.9768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

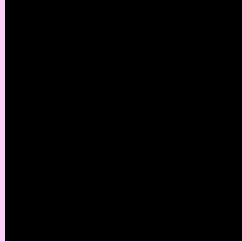
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9741, 72.2748, 96.9768

Background



This preview shows how black text looks on a background with the XYZ color 78.9741, 72.2748, 96.9768.



This preview shows how white text looks on a background with the XYZ color 78.9741, 72.2748,

96.9768.

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

78.9741, 72.2748, 96.9768

Protanopia

71.0855, 72.2020, 103.1183

Deuteranopia

74.0606, 72.3493, 96.4476



Tritanopia

76.0093, 72.1464, 83.3183

Trichromacy



Original Color

78.9741, 72.2748, 96.9768

Protanomaly

73.5507, 71.9970, 100.4628

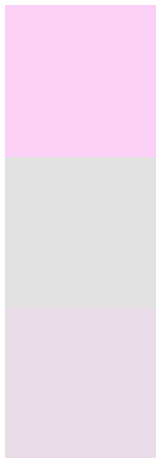
Deuteranomaly

75.6215, 72.0303, 96.3037

Tritanomaly

77.1089, 72.2311, 88.4752

Monochromacy



Original Color

78.9741, 72.2748, 96.9768

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9712, 74.0387, 87.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9741, 72.2748, 96.9768 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(251, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 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(251, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.9741, 72.2748, 96.9768 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(251, 208, 246) }
```


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

```
.border{ border-color:rgb(251, 208, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 208, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 208, 246); box-shadow:4px 4px 4px 4px rgb(251, 208, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9741, 72.2748, 96.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 246) }
```

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

```
.background{ background-color: rgb(251,  
208, 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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