

Converting Colors

XYZ(78.3038, 71.1655, 96.0927)

Have a look what the booklet for
XYZ(78.3038, 71.1655, 96.0927)
contains.

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Color

**XYZ(78.3364, 71.2444,
96.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCEF5
RGB	251, 206, 245
RGB Percent	98%, 81%, 96%
CMY	0.0157, 0.1921, 0.0392
CMYK	0.00, 0.18, 0.02, 0.02
HSL	308°, 85%, 90%
HSV	308°, 18%, 98%
XYZ	78.3364, 71.2444, 96.0090
YIQ	223.9010, 14.3010, 21.6690

Conversions

Conversions Part 2

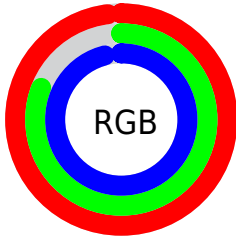
Format	Color
R _Y B	251, 206, 245
Decimal	16502517
CIE Lab	87.60, 22.22, -13.16
CIE LCh	88, 25.826, 329.371
Yxy	71.2444, 0.3190, 0.2901
Android (android.graphics.Color)	4294692597 (0xFFFBCEF5)
YUV	223.9010, 10.4018, 23.7658
Hunter-Lab	84.4064, 17.9522, -8.3556

Details

The XYZ color **78.3364, 71.2444, 96.0090** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8372, 86.8717, 75.2729**, and the grayscale version is **70.7036, 74.3857, 81.0060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5001, 37.2767, 53.0992** is the 20% darker color. If you saturate the color by 10%, you get **72.2640, 59.9089, 91.4872**, and if you desaturate by 10%, it is **85.3872, 84.5196, 100.9041**.

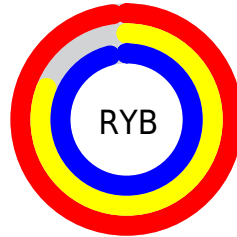
Distribution



Red (98%)

Green (81%)

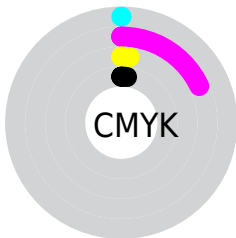
Blue (96%)



Red (98%)

Yellow (81%)

Blue (96%)

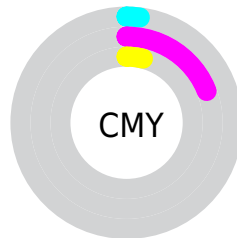


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (19%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3364, 71.2444, 96.0090 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 78.3364, 71.2444, 96.0090 by changing the saturation by 10% instead.


 78.3364, 71.2444,
96.0090

 78.3364, 71.2444,
96.0090

478.1309,
464.9073, 568.4568

 58.6541, 52.5417,
72.3735


129.9871,
120.9817, 157.6654

 42.5800, 37.4370,
52.9752

162.6862,
152.7850, 196.5234

 29.7488, 25.5460,
37.3954


200.4550,
189.7239, 241.2927

 19.7951, 16.4843,
25.2156

243.6587,
232.1829, 292.3917

 12.3536, 9.8675,
16.0172

292.6628,
280.5464, 350.2391

 7.0589, 5.3112,
9.3819

347.8327,

 3.5456, 2.4310,

335.1987, 415.2534

4.8909

409.5336,
396.5242, 487.8531

■ 1.4484, 0.8418,
2.1258

■ 0.2903, 0.0000,
0.6310

■ 78.3364, 71.2444,
96.0090

■ 78.3364, 71.2444,
96.0090

■ 72.2640, 59.9089,
91.4872

■ 85.3872, 84.5196,
100.9041

■ 67.1178, 50.4123,
87.3187

■ 93.0667, 99.0385,
106.0539

■ 62.8506, 42.6589,
83.4884

■ 93.5942, 99.2495,
108.8319

■ 59.4082, 36.5406,
79.9779

■ 56.7305, 31.9373,
76.7669

■ 54.7492, 28.7123,
73.8325

■ 53.3837, 26.7045,
71.1474

■ 52.5250, 25.6962,
68.6753

■ 52.3777, 25.5469,
68.1784

Harmonies

Analogous

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



73.6428, 71.2444, 110.7444



78.3364, 71.2444, 96.0090



80.1558, 71.2444, 77.9431

Triad

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



78.3364, 71.2444, 96.0090



67.8448, 71.2444, 48.5581



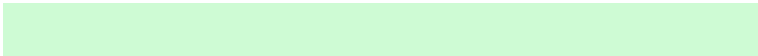
57.9847, 71.2444, 95.2732

Complementary

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



78.3364, 71.2444, 96.0090



71.8372, 86.8717, 75.2729

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.



56.6342, 71.2444, 77.2042



78.3364, 71.2444, 96.0090



62.1154, 71.2444, 51.7905

Square

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



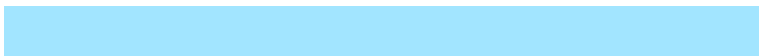
78.3364, 71.2444, 96.0090



73.8793, 71.2444, 52.0733



58.1011, 71.2444, 61.6625



61.9047, 71.2444, 110.2767

Rectangle

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



78.3364, 71.2444, 96.0090



79.4147, 71.2444, 66.9397



58.1011, 71.2444, 61.6625



57.2260, 71.2444, 89.2767

Sweetspot

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



78.3385, 71.2475, 96.0105



90.8440, 92.0242, 106.1535



66.6384, 65.1083, 100.3230



19.3224, 19.4662, 22.6403



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.



78.3385, 71.2475, 96.0105



78.5092, 68.8083, 97.5597



75.1094, 69.9559, 79.0062



17.8876, 17.4824, 21.2638



27.5710, 13.4441, 36.0449



2.5803, 1.2559, 3.4793

Inverse Universe

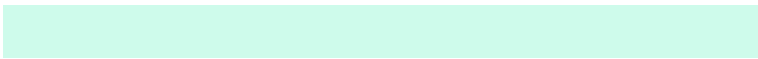
The Inverse Universe completely reimagines the original color for something new.



78.3385, 71.2475, 96.0105



78.5092, 68.8083, 97.5597



74.8765, 88.0874, 91.2775



17.8876, 17.4824, 21.2638



27.5710, 13.4441, 36.0449



2.5803, 1.2559, 3.4793

Previews

White Background



This preview shows how the XYZ color 78.3364, 71.2444, 96.0090 looks on a white background.

Color Contrast Check

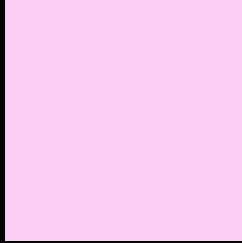
Large Text (above 18pt) WCAG AA × Fail

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 78.3364, 71.2444, 96.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

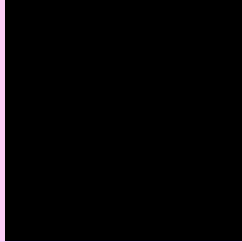
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3364, 71.2444, 96.0090

Background



This preview shows how black text looks on a background with the XYZ color 78.3364, 71.2444, 96.0090.



This preview shows how white text looks on a background with the XYZ color 78.3364, 71.2444,

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

78.3364, 71.2444, 96.0090

Protanopia

70.5326, 71.5308, 103.0179

Deuteranopia

72.8574, 71.3872, 94.7331



Tritanopia

75.2393, 71.0484, 81.6997

Trichromacy



Original Color

78.3364, 71.2444, 96.0090

Protanomaly

72.9804, 71.3262, 100.3633

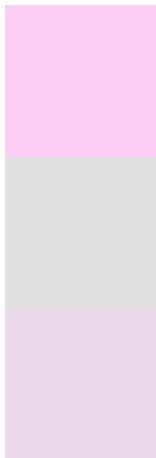
Deuteranomaly

74.8833, 71.2973, 95.4029

Tritanomaly

76.3308, 71.1347, 86.7981

Monochromacy



Original Color

78.3364, 71.2444, 96.0090

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.3100, 72.9443, 86.5597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3364, 71.2444, 96.0090 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, 206, 245)` looks like.

```
.text, #text, p{  
    color:rgb(251, 206, 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(251, 206, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 245) }
```

Border

The CSS property to change the border of an element to XYZ 78.3364, 71.2444, 96.0090 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, 206, 245) }
```


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

```
.border{ border-color:rgb(251, 206, 245) }
```

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

Here you see how a box with a 4 pixel rgb(251, 206, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 245);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3364, 71.2444, 96.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 245) }
```

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

```
.background{ background-color: rgb(251,  
206, 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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