

Converting Colors

XYZ(78.5003, 72.8251,
105.4387)

Have a look what the booklet for
XYZ(78.5003, 72.8251, 105.4387)
contains.

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Color

**XYZ(78.3064, 72.8632,
104.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D3FF
RGB	243, 211, 255
RGB Percent	95%, 83%, 100%
CMY	0.0471, 0.1725, 0.0000
CMYK	0.05, 0.17, 0.00, 0.00
HSL	284°, 100%, 91%
HSV	284°, 17%, 100%
XYZ	78.3064, 72.8632, 104.5446
YIQ	225.5840, 4.9480, 20.4680

Conversions

Conversions Part 2

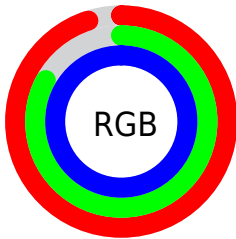
Format	Color
R_{YB}	243, 211, 255
Decimal	15979519
CIE _{Lab}	88.38, 18.81, -17.34
CIE _{LCh}	88, 25.579, 317.326
Yxy	72.8632, 0.3062, 0.2849
Android (android.graphics.Color)	4294169599 (0xFFFF3D3FF)
YUV	225.5840, 14.5021, 15.2738
Hunter-Lab	85.3599, 14.3701, -12.8635

Details

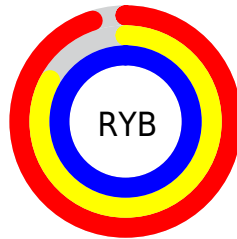
The XYZ color **78.3064, 72.8632, 104.5446** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.9511, 91.9120, 75.2639**, and the grayscale version is **71.8864, 75.6301, 82.3612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5750, 38.4189, 58.5977** is the 20% darker color. If you saturate the color by 10%, you get **70.1127, 59.9708, 102.4879**, and if you desaturate by 10%, it is **87.5998, 87.8183, 106.9414**.

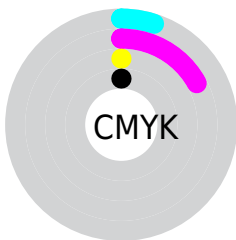
Distribution



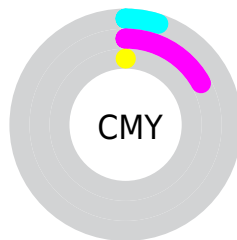
- Red (95%)
- Green (83%)
- Blue (100%)



- Red (95%)
- Yellow (83%)
- Blue (100%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3064, 72.8632, 104.5446 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 78.3064, 72.8632, 104.5446 by changing the saturation by 10% instead.

78.3064, 72.8632,
104.5446

78.3064, 72.8632,
104.5446

478.0307,
470.5405, 596.0376

58.6294, 53.8641,
79.4634

129.9450,
123.2830, 169.4948

42.5601, 38.4930,
58.7533

162.6374,
155.4725, 210.2007

29.7331, 26.3656,
41.9958

200.3988,
192.8275, 256.9521

19.7832, 17.0973,
28.7725

243.5948,
235.7326, 310.1673

12.3449, 10.3039,
18.6647

292.5906,
284.5720, 370.2649

7.0529, 5.6009,
11.2539

347.7516,

3.5418, 2.6040,

339.7302, 437.6634

6.1216

409.4432,
401.5916, 512.7815

■ 1.4463, 0.9287,
2.8492

■ 0.2889, 0.0000,
1.0181

■ 78.3064, 72.8632,
104.5446

■ 78.3064, 72.8632,
104.5446

■ 70.1127, 59.9708,
102.4879

■ 87.5998, 87.8183,
106.9414

■ 62.9646, 49.0368,
100.7542

95.0500, 100.0000,
108.9000

■ 56.8119, 39.9618,
99.3268

■ 51.5978, 32.6335,
98.1871

■ 47.2593, 26.9274,
97.3144

■ 43.7249, 22.7024,
96.6852

■ 40.9110, 19.7924,
96.2718

■ 38.7095, 17.9832,
96.0386

■ 38.1679, 17.5912,
95.9915

Harmonies

Analogous

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



72.8317, 72.8632, 116.2076



78.3064, 72.8632, 104.5446



81.4290, 72.8632, 86.9914

Triad

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



78.3064, 72.8632, 104.5446



71.8783, 72.8632, 50.6974



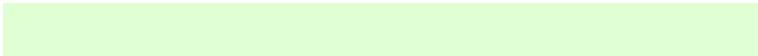
58.5796, 72.8632, 89.8420

Complementary

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



78.3064, 72.8632, 104.5446



77.9511, 91.9120, 75.2639

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.



58.3579, 72.8632, 72.1428



78.3064, 72.8632, 104.5446



65.7960, 72.8632, 51.2264

Square

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



78.3064, 72.8632, 104.5446



77.5729, 72.8632, 56.9734



60.9281, 72.8632, 58.5446



61.5527, 72.8632, 106.8956

Rectangle

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



78.3064, 72.8632, 104.5446



81.6424, 72.8632, 75.0999



60.9281, 72.8632, 58.5446



58.1873, 72.8632, 83.7277

Sweetspot

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



78.3084, 72.8662, 104.5450



89.8489, 91.4797, 107.5295



71.4291, 74.0968, 105.1451



19.0799, 19.3334, 22.9761



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.



78.3084, 72.8662, 104.5450



75.1114, 67.7980, 103.7353



81.0886, 74.4724, 96.8619



18.2812, 18.0367, 22.7679



20.0944, 9.2695, 50.1647



2.0615, 0.9567, 4.8893

Inverse Universe

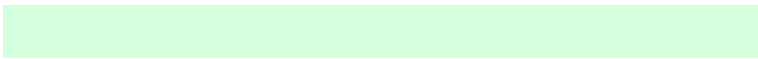
The Inverse Universe completely reimagines the original color for something new.



77.8554, 73.1791, 79.8361



74.6334, 68.2041, 74.2335



75.6151, 90.5655, 81.5796



18.2129, 18.0685, 19.7380



22.1722, 11.3582, 4.2912



2.2024, 1.1233, 0.6470

Previews

White Background



This preview shows how the XYZ color 78.3064, 72.8632, 104.5446 looks on a white background.

Color Contrast Check

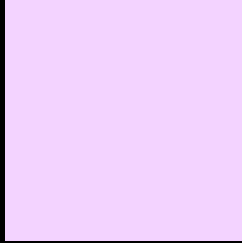
Large Text (above 18pt) WCAG AA × Fail

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 78.3064, 72.8632, 104.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

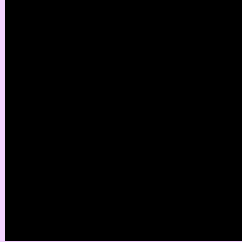
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3064, 72.8632, 104.5446

Background



This preview shows how black text looks on a background with the XYZ color 78.3064, 72.8632, 104.5446.



This preview shows how white text looks on a background with the XYZ color 78.3064, 72.8632,

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

78.3064, 72.8632, 104.5446

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.4402, 72.7615, 103.8869



Tritanopia

74.4625, 72.7778, 86.4669

Trichromacy



Original Color

78.3064, 72.8632, 104.5446

Protanomaly

73.9142, 72.8533, 104.7741

Deuteranomaly

75.5402, 72.5725, 103.7924

Tritanomaly

75.7099, 72.9097, 92.5207

Monochromacy



Original Color

78.3064, 72.8632, 104.5446

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.4212, 74.9831, 90.6715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3064, 72.8632, 104.5446 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(243, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 255)  
}
```

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(243, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.3064, 72.8632, 104.5446 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(243, 211, 255) }
```


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

```
.border{ border-color:rgb(243, 211, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3064, 72.8632, 104.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 255) }
```

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

```
.background{ background-color: rgb(243,  
211, 255) }
```

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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