

Converting Colors

XYZ(103.3147, 84.5528,
97.5223)

Have a look what the booklet for
XYZ(103.3147, 84.5528, 97.5223)
contains.

XYZ(80.0343, 72.4782, 96.1576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(80.0343, 72.4782,
96.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFF5
RGB	255, 207, 245
RGB Percent	100%, 81%, 96%
CMY	0.0000, 0.1882, 0.0392
CMYK	0.00, 0.19, 0.04, 0.00
HSL	312°, 100%, 91%
HSV	312°, 19%, 100%
XYZ	80.0343, 72.4782, 96.1576
YIQ	225.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

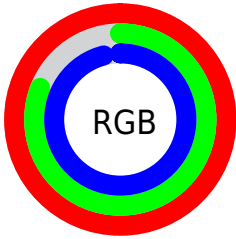
Format	Color
R _Y B	255, 207, 245
Decimal	16764917
CIE Lab	88.20, 23.02, -12.23
CIE LCh	88, 26.070, 332.019
Yxy	72.4782, 0.3218, 0.2915
Android (android.graphics.Color)	4294954997 (0xFFFFCFF5)
YUV	225.6840, 9.5228, 25.7101
Hunter-Lab	85.1341, 18.8225, -7.3732

Details

The XYZ color **80.0343, 72.4782, 96.1576** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.0187, 89.7962, 79.0799**, and the grayscale version is **71.9872, 75.7361, 82.4766**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7022, 38.1364, 53.2018** is the 20% darker color. If you saturate the color by 10%, you get **73.5489, 60.7866, 90.0524**, and if you desaturate by 10%, it is **87.5437, 86.1802, 102.7210**.

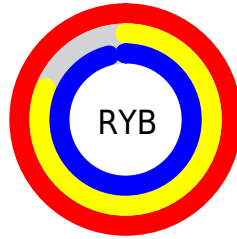
Distribution



Red (100%)

Green (81%)

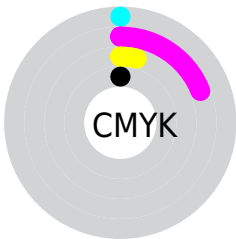
Blue (96%)



Red (100%)

Yellow (81%)

Blue (96%)

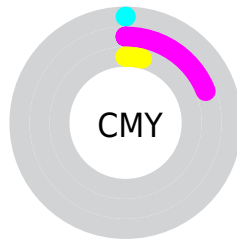


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0343, 72.4782, 96.1576 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 80.0343, 72.4782, 96.1576 by changing the saturation by 10% instead.


 80.0343, 72.4782,
96.1576

 80.0343, 72.4782,
96.1576

483.7832,
469.2043, 568.9430

 60.0551, 53.5494,
72.4966


132.3642,
122.7362, 157.8722

 43.7127, 38.2415,
53.0751

165.4457,
154.8341, 196.7629

 30.6417, 26.1702,
37.4746


203.6253,
192.0906, 241.5673

 20.4766, 16.9510,
25.2765

247.2685,
234.8899, 292.7039

 12.8522, 10.1996,
16.0623

296.7405,
283.6166, 350.5912

 7.4032, 5.5315,
9.4134

352.4067,

 3.7641, 2.5623,

338.6550, 415.6478

4.9113

414.6325,
400.3894, 488.2922

■ 1.5695, 0.9078,
2.1375

■ 0.3724, 0.0000,
0.6380

■ 80.0343, 72.4782,
96.1576

■ 80.0343, 72.4782,
96.1576

■ 73.5489, 60.7866,
90.0524

■ 87.5437, 86.1802,
102.7210

■ 68.0349, 51.0010,
84.3840

95.0500, 100.0000,
108.9000

■ 63.4419, 43.0209,
79.1356

■ 59.7130, 36.7327,
74.2873

■ 56.7850, 32.0102,
69.8169

■ 54.5857, 28.7094,
65.6995

■ 53.0296, 26.6596,
61.9055

■ 51.9928, 25.6133,
58.3926

■ 51.8859, 25.5184,
57.9907

Harmonies

Analogous

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



75.4463, 72.4782, 111.7764



80.0343, 72.4782, 96.1576



81.5857, 72.4782, 77.7122

Triad

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



80.0343, 72.4782, 96.1576



68.4666, 72.4782, 49.3209



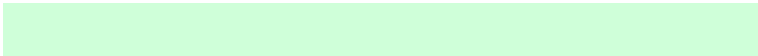
59.2097, 72.4782, 98.5691

Complementary

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



80.0343, 72.4782, 96.1576



74.0187, 89.7962, 79.0799

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.



57.5819, 72.4782, 80.1330



80.0343, 72.4782, 96.1576



62.7218, 72.4782, 53.2244

Square

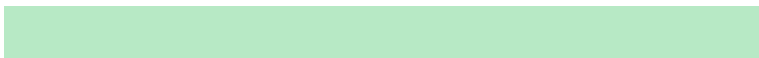
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



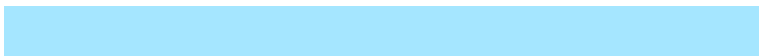
80.0343, 72.4782, 96.1576



74.6713, 72.4782, 52.2990



58.8285, 72.4782, 63.8701



63.4120, 72.4782, 113.3099

Rectangle

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



80.0343, 72.4782, 96.1576



80.6185, 72.4782, 66.7241



58.8285, 72.4782, 63.8701



58.3551, 72.4782, 92.5102

Sweetspot

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



80.0358, 72.4811, 96.1591



89.8528, 90.4201, 104.6568



68.8621, 66.5396, 103.8217



19.1162, 19.1403, 22.3042



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.



80.0358, 72.4811, 96.1591



77.2036, 67.3558, 93.5529



76.6593, 71.1304, 78.3783



18.6210, 18.2317, 21.8874



27.1678, 13.3564, 30.5977



2.6840, 1.3160, 3.1835

Inverse Universe

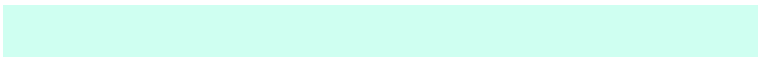
The Inverse Universe completely reimagines the original color for something new.



80.0358, 72.4811, 96.1591



77.2036, 67.3558, 93.5529



77.3115, 91.1133, 96.4194



18.6210, 18.2317, 21.8874



27.1678, 13.3564, 30.5977



2.6840, 1.3160, 3.1835

Previews

White Background



This preview shows how the XYZ color 80.0343, 72.4782, 96.1576 looks on a white background.

Color Contrast Check

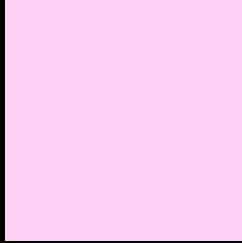
Large Text (above 18pt) WCAG AA × Fail

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 80.0343, 72.4782, 96.1576 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 80.0343, 72.4782, 96.1576

Background



This preview shows how black text looks on a background with the XYZ color 80.0343, 72.4782, 96.1576.



This preview shows how white text looks on a background with the XYZ color 80.0343, 72.4782,

96.1576.

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

80.0343, 72.4782, 96.1576

Protanopia

71.6417, 72.8772, 103.2193

Deuteranopia

74.0824, 72.3956, 94.8632



Tritanopia

77.0566, 72.3347, 82.5737

Trichromacy



Original Color

80.0343, 72.4782, 96.1576

Protanomaly

74.1889, 72.3260, 100.4926

Deuteranomaly

76.1482, 72.3194, 95.5335

Tritanomaly

78.1598, 72.4241, 87.7017

Monochromacy



Original Color

80.0343, 72.4782, 96.1576

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.9646, 74.5508, 87.5295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0343, 72.4782, 96.1576 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, 207, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 245) }
```

Border

The CSS property to change the border of an element to XYZ 80.0343, 72.4782, 96.1576 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, 207, 245) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0343, 72.4782, 96.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 245) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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