

Converting Colors

XYZ(124.8569, 100.0000,
98.4869)

Have a look what the booklet for
XYZ(124.8569, 100.0000, 98.4869)
contains.

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Color

**XYZ(82.9007, 78.4547,
96.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF4
RGB	255, 219, 244
RGB Percent	100%, 86%, 96%
CMY	0.0000, 0.1412, 0.0431
CMYK	0.00, 0.14, 0.04, 0.00
HSL	318°, 100%, 93%
HSV	318°, 14%, 100%
XYZ	82.9007, 78.4547, 96.3619
YIQ	232.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

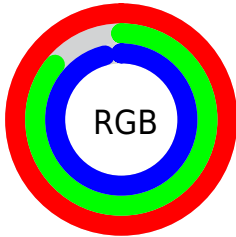
Format	Color
R_{YB}	255, 219, 244
Decimal	16767988
CIE _{Lab}	90.99, 16.57, -7.56
CIE _{LCh}	91, 18.215, 335.482
Yxy	78.4547, 0.3217, 0.3044
Android (android.graphics.Color)	4294958068 (0xFFFFDBF4)
YUV	232.6140, 5.6133, 19.6325
Hunter-Lab	88.5747, 12.0599, -2.5004

Details

The XYZ color **82.9007, 78.4547, 96.3619** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.2587, 92.2944, 88.5034**, and the grayscale version is **77.1157, 81.1317, 88.3524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6413, 42.1875, 53.3144** is the 20% darker color. If you saturate the color by 10%, you get **75.5928, 65.6923, 88.2123**, and if you desaturate by 10%, it is **91.2811, 93.2814, 105.1179**.

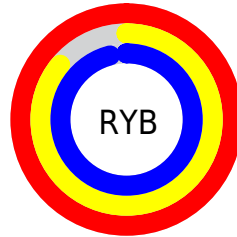
Distribution



Red (100%)

Green (86%)

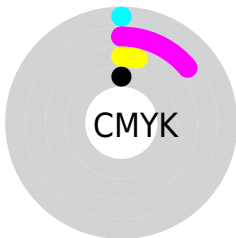
Blue (96%)



Red (100%)

Yellow (86%)

Blue (96%)

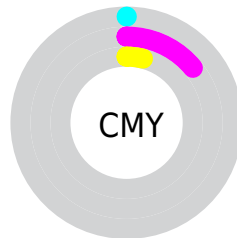


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9007, 78.4547, 96.3619 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 82.9007, 78.4547, 96.3619 by changing the saturation by 10% instead.


 82.9007, 78.4547,
96.3619

 82.9007, 78.4547,
96.3619


493.2445,
489.7097, 569.6112

 62.4249, 58.4476,
72.6659


136.3656,
131.1909, 158.1565

 45.6330, 42.1686,
53.2126

170.0854,
164.6888, 197.0922

 32.1597, 29.2333,
37.5837

208.9506,
203.4524, 241.9448

 21.6396, 19.2574,
25.3604

253.3265,
247.8660, 293.1329

 13.7075, 11.8564,
16.1243

303.5785,
298.3142, 351.0751

 7.9978, 6.6460,
9.4568

360.0719,

 4.1454, 3.2417,

355.1813, 416.1898

4.9395

423.1721,
418.8516, 488.8956

■ 1.7847, 1.2592,
2.1537

■ 0.5084, 0.1093,
0.6475

■ 82.9007, 78.4547,
96.3619

■ 82.9007, 78.4547,
96.3619

■ 75.5928, 65.6923,
88.2123

■ 91.2811, 93.2814,
105.1179

■ 69.3054, 54.8921,
80.6456

95.0500, 100.0000,
108.9000

■ 63.9898, 45.9574,
73.6435

■ 59.5911, 38.7796,
67.1847

■ 56.0490, 33.2388,
61.2457

■ 53.2953, 29.1998,
55.8008

■ 51.2511, 26.5060,
50.8202

■ 49.8199, 24.9654,
46.2683

■ 49.1839, 24.4376,
43.7619

Harmonies

Analogous

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



79.8163, 78.4547, 107.7324



82.9007, 78.4547, 96.3619



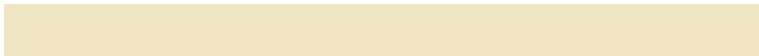
83.7151, 78.4547, 83.0292

Triad

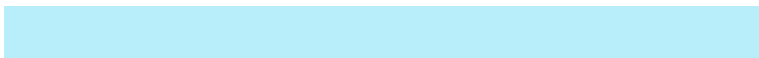
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9007, 78.4547, 96.3619



73.7279, 78.4547, 62.6282



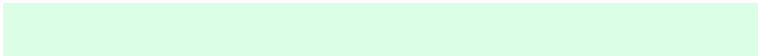
67.6024, 78.4547, 100.9707

Complementary

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



82.9007, 78.4547, 96.3619



79.2587, 92.2944, 88.5034

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.



66.1143, 78.4547, 87.8641



82.9007, 78.4547, 96.3619



69.5566, 78.4547, 66.4294

Square

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



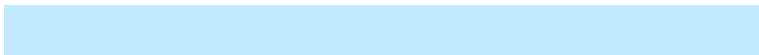
82.9007, 78.4547, 96.3619



78.2962, 78.4547, 64.4060



66.8148, 78.4547, 75.3465



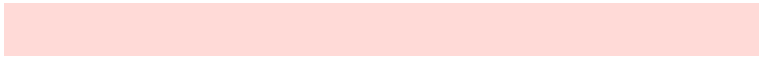
70.9617, 78.4547, 110.5789

Rectangle

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



82.9007, 78.4547, 96.3619



82.8334, 78.4547, 74.9925



66.8148, 78.4547, 75.3465



66.8732, 78.4547, 96.7802

Sweetspot

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



82.9024, 78.4578, 96.3636



91.3841, 93.4647, 105.2225



75.9533, 74.6767, 105.0186



19.4167, 19.7505, 22.3763



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.



82.9024, 78.4578, 96.3636



80.6861, 74.5682, 93.9511



80.3286, 77.4283, 82.8102



18.5424, 18.2003, 21.4735



25.7694, 12.7970, 23.2337



2.5579, 1.2655, 2.5190

Inverse Universe

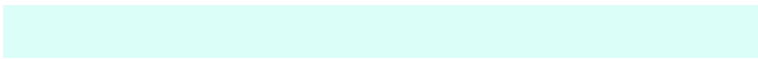
The Inverse Universe completely reimagines the original color for something new.



82.9024, 78.4578, 96.3636



80.6861, 74.5682, 93.9511



81.8876, 93.3460, 102.3469



18.5424, 18.2003, 21.4735



25.7694, 12.7970, 23.2337



2.5579, 1.2655, 2.5190

Previews

White Background



This preview shows how the XYZ color 82.9007, 78.4547, 96.3619 looks on a white background.

Color Contrast Check

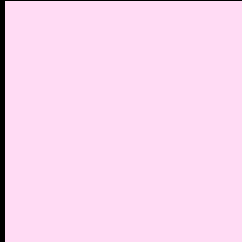
Large Text (above 18pt) WCAG AA × Fail

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 82.9007, 78.4547, 96.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

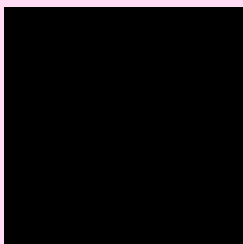
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9007, 78.4547, 96.3619

Background



This preview shows how black text looks on a background with the XYZ color 82.9007, 78.4547, 96.3619.



This preview shows how white text looks on a background with the XYZ color 82.9007, 78.4547,

96.3619.

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

82.9007, 78.4547, 96.3619

Protanopia

76.8372, 78.8203, 100.7866

Deuteranopia

80.2215, 78.6589, 95.7486



Tritanopia

81.7523, 78.3717, 90.9392

Trichromacy



Original Color

82.9007, 78.4547, 96.3619

Protanomaly

78.9736, 78.7430, 99.0322

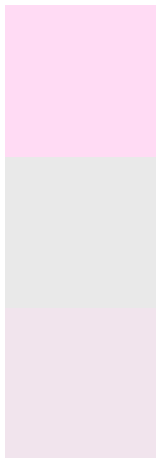
Deuteranomaly

81.3659, 78.8534, 95.7258

Tritanomaly

82.1944, 78.5485, 93.2673

Monochromacy



Original Color

82.9007, 78.4547, 96.3619

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.3051, 80.3020, 91.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9007, 78.4547, 96.3619 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, 219, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 244)  
}
```

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, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 244) }
```

Border

The CSS property to change the border of an element to XYZ 82.9007, 78.4547, 96.3619 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, 219, 244) }
```


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

```
.border{ border-color:rgb(255, 219, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9007, 78.4547, 96.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 244) }
```

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

```
.background{ background-color: rgb(255,  
219, 244) }
```

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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