

Converting Colors

XYZ(82.4852, 77.3556, 97.0502)

Have a look what the booklet for
XYZ(82.4852, 77.3556, 97.0502)
contains.

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Color

**XYZ(82.5343, 77.4783,
96.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F5
RGB	255, 217, 245
RGB Percent	100%, 85%, 96%
CMY	0.0000, 0.1490, 0.0392
CMYK	0.00, 0.15, 0.04, 0.00
HSL	316°, 100%, 93%
HSV	316°, 15%, 100%
XYZ	82.5343, 77.4783, 96.9910
YIQ	231.5540, 13.6600, 16.7640

Conversions

Conversions Part 2

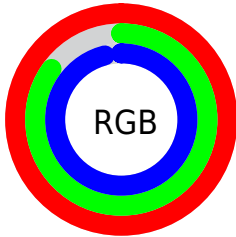
Format	Color
R _{YB}	255, 217, 245
Decimal	16767477
CIE Lab	90.54, 17.79, -8.74
CIE LCh	91, 19.822, 333.823
Yxy	77.4783, 0.3211, 0.3015
Android (android.graphics.Color)	4294957557 (0xFFFFD9F5)
YUV	231.5540, 6.6289, 20.5621
Hunter-Lab	88.0218, 13.3339, -3.7163

Details

The XYZ color **82.5343, 77.4783, 96.9910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.2428, 91.8189, 86.2753**, and the grayscale version is **76.3150, 80.2894, 87.4351**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3943, 41.5206, 53.7658** is the 20% darker color. If you saturate the color by 10%, you get **75.4567, 64.9328, 89.6694**, and if you desaturate by 10%, it is **90.6680, 92.0759, 104.8501**.

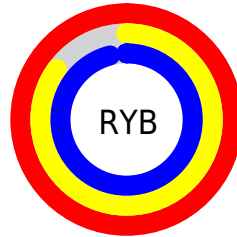
Distribution



Red (100%)

Green (85%)

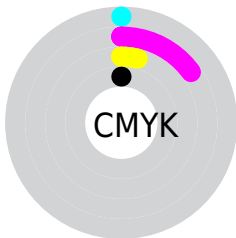
Blue (96%)



Red (100%)

Yellow (85%)

Blue (96%)

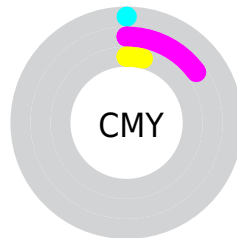


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5343, 77.4783, 96.9910 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 82.5343, 77.4783, 96.9910 by changing the saturation by 10% instead.

82.5343, 77.4783,
96.9910

82.5343, 77.4783,
96.9910

492.0406,
486.3933, 571.6659

62.1217, 57.6455,
73.1872

135.8549,
129.8144, 159.0316

45.3870, 41.5237,
53.6363

169.4936,
163.0866, 198.1054

31.9649, 28.7285,
37.9198

208.2717,
201.6073, 243.1063

21.4901, 18.8756,
25.6191

252.5546,
245.7610, 294.4528

13.5972, 11.5804,
16.3157

302.7075,
295.9320, 352.5635

7.9209, 6.4586,
9.5910

359.0960,

4.0957, 3.1259,

352.5048, 417.8568

5.0266

422.0852,
415.8638, 490.7515

■ 1.7564, 1.1978,
2.2039

■ 0.4912, 0.0599,
0.6766

■ 82.5343, 77.4783,
96.9910

■ 82.5343, 77.4783,
96.9910

■ 75.4567, 64.9328,
89.6694

■ 90.6680, 92.0759,
104.8501

■ 69.3832, 54.3370,
82.8629

95.0500, 100.0000,
108.9000

■ 64.2650, 45.5935,
76.5542

■ 60.0471, 38.5931,
70.7232

■ 56.6688, 33.2149,
65.3475

■ 54.0615, 29.3226,
60.4022

■ 52.1456, 26.7573,
55.8588

■ 50.8229, 25.3235,
51.6823

■ 50.3057, 24.8863,
49.6691

Harmonies

Analogous

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



79.0772, 77.4783, 109.1433



82.5343, 77.4783, 96.9910



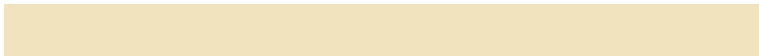
83.5710, 77.4783, 82.5530

Triad

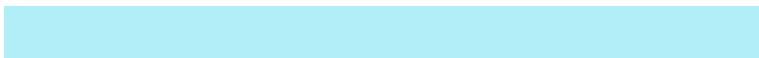
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5343, 77.4783, 96.9910



73.0069, 77.4783, 59.9403



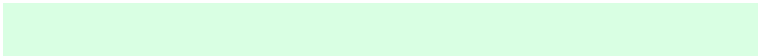
65.9995, 77.4783, 100.4933

Complementary

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



82.5343, 77.4783, 96.9910



78.2428, 91.8189, 86.2753

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.



64.5301, 77.4783, 86.1946



82.5343, 77.4783, 96.9910



68.4594, 77.4783, 63.6459

Square

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



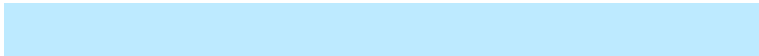
82.5343, 77.4783, 96.9910



77.9281, 77.4783, 62.1488



65.4103, 77.4783, 72.8774



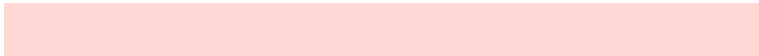
69.5137, 77.4783, 111.3194

Rectangle

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



82.5343, 77.4783, 96.9910



82.7131, 77.4783, 73.8038



65.4103, 77.4783, 72.8774



65.2574, 77.4783, 95.8791

Sweetspot

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



82.5360, 77.4814, 96.9926



91.4527, 93.4922, 105.5837



74.3868, 73.0992, 104.7967



19.4341, 19.7574, 22.4679



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.



82.5360, 77.4814, 96.9926



80.2307, 73.3763, 94.6658



79.8512, 76.4075, 82.8545



18.5766, 18.2139, 21.6533



26.3506, 13.0295, 26.2944



2.6107, 1.2866, 2.7973

Inverse Universe

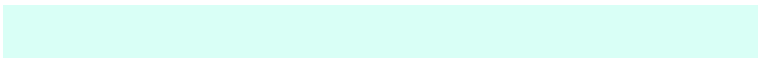
The Inverse Universe completely reimagines the original color for something new.



82.5360, 77.4814, 96.9926



80.2307, 73.3763, 94.6658



80.9351, 92.8959, 100.4531



18.5766, 18.2139, 21.6533



26.3506, 13.0295, 26.2944



2.6107, 1.2866, 2.7973

Previews

White Background



This preview shows how the XYZ color 82.5343, 77.4783, 96.9910 looks on a white background.

Color Contrast Check

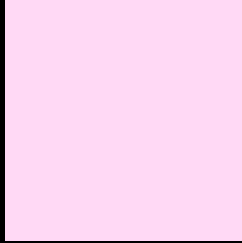
Large Text (above 18pt) WCAG AA × Fail

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 82.5343, 77.4783, 96.9910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

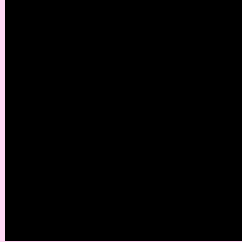
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5343, 77.4783, 96.9910

Background



This preview shows how black text looks on a background with the XYZ color 82.5343, 77.4783, 96.9910.



This preview shows how white text looks on a background with the XYZ color 82.5343, 77.4783,

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

82.5343, 77.4783, 96.9910

Protanopia

75.9330, 77.9108, 102.3030

Deuteranopia

79.4126, 77.8289, 96.4249



Tritanopia

81.3449, 77.7900, 90.0845

Trichromacy



Original Color

82.5343, 77.4783, 96.9910

Protanomaly

78.0786, 77.4478, 100.4563

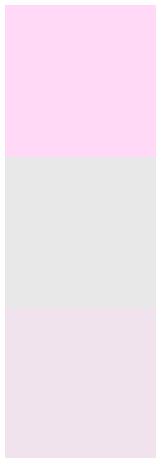
Deuteranomaly

80.2801, 77.4922, 96.3142

Tritanomaly

81.5244, 77.4456, 92.3131

Monochromacy



Original Color

82.5343, 77.4783, 96.9910

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.6903, 79.5779, 91.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5343, 77.4783, 96.9910 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, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.5343, 77.4783, 96.9910 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, 217, 245) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5343, 77.4783, 96.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 245) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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