

Converting Colors

XYZ(82.0436, 77.1790, 94.7245)

Have a look what the booklet for
XYZ(82.0436, 77.1790, 94.7245)
contains.

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Color

**XYZ(82.0799, 77.2965,
94.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F2
RGB	255, 217, 242
RGB Percent	100%, 85%, 95%
CMY	0.0000, 0.1490, 0.0510
CMYK	0.00, 0.15, 0.05, 0.00
HSL	321°, 100%, 93%
HSV	321°, 15%, 100%
XYZ	82.0799, 77.2965, 94.5980
YIQ	231.2120, 14.6230, 15.8310

Conversions

Conversions Part 2

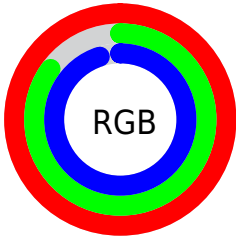
Format	Color
R_{YB}	255, 217, 242
Decimal	16767474
CIE _{Lab}	90.46, 17.27, -7.29
CIE _{LCh}	90, 18.748, 337.109
Yxy	77.2965, 0.3232, 0.3043
Android (android.graphics.Color)	4294957554 (0xFFFFD9F2)
YUV	231.2120, 5.3185, 20.8621
Hunter-Lab	87.9184, 12.7888, -2.2516

Details

The XYZ color **82.0799, 77.2965, 94.5980** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.6606, 91.9860, 88.4754**, and the grayscale version is **76.0690, 80.0305, 87.1533**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0720, 41.3916, 52.0682** is the 20% darker color. If you saturate the color by 10%, you get **74.7289, 64.6417, 85.8371**, and if you desaturate by 10%, it is **90.5122, 92.0135, 104.0299**.

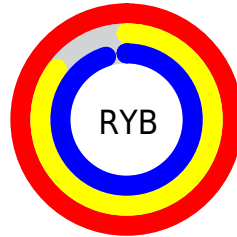
Distribution



Red (100%)

Green (85%)

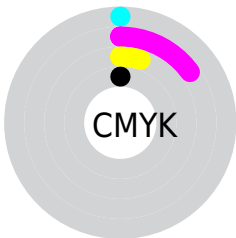
Blue (95%)



Red (100%)

Yellow (85%)

Blue (95%)

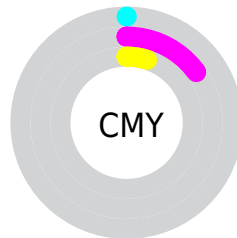


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0799, 77.2965, 94.5980 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 82.0799, 77.2965, 94.5980 by changing the saturation by 10% instead.

82.0799, 77.2965,
94.5980

82.0799, 77.2965,
94.5980

490.5454,
485.7744, 563.8286

61.7457, 57.4963,
71.2054

135.2213,
129.5579, 155.6999

45.0821, 41.4038,
52.0270

168.7592,
162.7879, 194.2463

31.7236, 28.6347,
36.6442

207.4291,
201.2633, 238.6810

21.3050, 18.8047,
24.6385

251.5963,
245.3684, 289.4226

13.4609, 11.5292,
15.5914

301.6262,
295.4877, 346.8896

7.8258, 6.4240,
9.0842

357.8841,

4.0346, 3.1046,

352.0055, 411.5006

4.6986

420.7353,
415.3062, 483.6741

■ 1.7217, 1.1866,
2.0159

■ 0.4698, 0.0507,
0.5650

■ 82.0799, 77.2965,
94.5980

■ 82.0799, 77.2965,
94.5980

■ 74.7289, 64.6417,
85.8371

■ 90.5122, 92.0135,
104.0299

■ 68.4070, 53.9464,
77.7222

95.0500, 100.0000,
108.9000

■ 63.0647, 45.1134,
70.2338

■ 58.6467, 38.0329,
63.3488

■ 55.0917, 32.5841,
57.0424

■ 52.3305, 28.6302,
51.2868

■ 50.2830, 26.0122,
46.0505

■ 48.8504, 24.5346,
41.2958

■ 48.2854, 24.0782,
39.0308

Harmonies

Analogous

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



79.0360, 77.2965, 106.4502



82.0799, 77.2965, 94.5980



82.7708, 77.2965, 81.0112

Triad

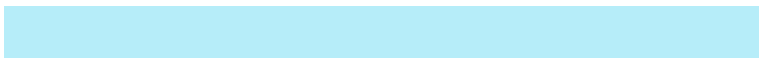
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0799, 77.2965, 94.5980



72.3592, 77.2965, 61.0778



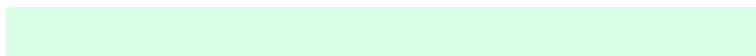
66.5182, 77.2965, 100.7010

Complementary

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



82.0799, 77.2965, 94.5980



78.6606, 91.9860, 88.4754

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.



64.8897, 77.2965, 87.3950



82.0799, 77.2965, 94.5980



68.1679, 77.2965, 65.2259

Square

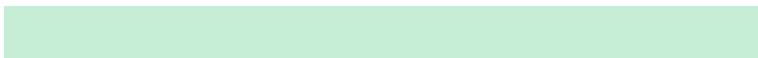
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



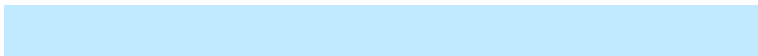
82.0799, 77.2965, 94.5980



77.0266, 77.2965, 62.5698



65.4806, 77.2965, 74.5246



70.0207, 77.2965, 110.2268

Rectangle

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



82.0799, 77.2965, 94.5980



81.7787, 77.2965, 72.9494



65.4806, 77.2965, 74.5246



65.7404, 77.2965, 96.4701

Sweetspot

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



82.0816, 77.2996, 94.5996



91.3251, 93.4411, 104.9118



75.3918, 73.6172, 104.8437



19.4017, 19.7445, 22.2975



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.



82.0816, 77.2996, 94.5996



79.6889, 73.1596, 91.8124



79.4193, 76.2347, 80.5803



18.5131, 18.1886, 21.3192



25.3030, 12.6105, 20.7780



2.5150, 1.2484, 2.2932

Inverse Universe

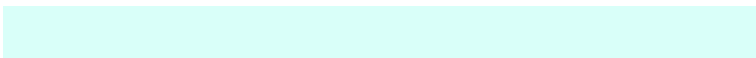
The Inverse Universe completely reimagines the original color for something new.



82.0816, 77.2996, 94.5996



79.6889, 73.1596, 91.8124



81.4241, 93.0914, 103.0279



18.5131, 18.1886, 21.3192



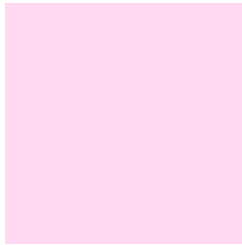
25.3030, 12.6105, 20.7780



2.5150, 1.2484, 2.2932

Previews

White Background



This preview shows how the XYZ color 82.0799, 77.2965, 94.5980 looks on a white background.

Color Contrast Check

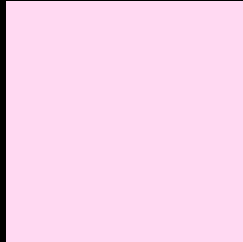
Large Text (above 18pt) WCAG AA × Fail

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 82.0799, 77.2965, 94.5980 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 82.0799, 77.2965, 94.5980

Background



This preview shows how black text looks on a background with the XYZ color 82.0799, 77.2965, 94.5980.



This preview shows how white text looks on a background with the XYZ color 82.0799, 77.2965,

94.5980.

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

82.0799, 77.2965, 94.5980

Protanopia

75.5037, 77.3388, 99.7553

Deuteranopia

79.0419, 77.2969, 93.9729



Tritanopia

80.9399, 77.2118, 89.2346

Trichromacy



Original Color

82.0799, 77.2965, 94.5980

Protanomaly

77.9473, 77.4337, 98.0267

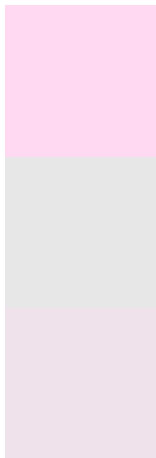
Deuteranomaly

80.1818, 77.4937, 93.9508

Tritanomaly

81.3771, 77.3867, 91.5370

Monochromacy



Original Color

82.0799, 77.2965, 94.5980

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.1269, 78.9161, 89.7119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0799, 77.2965, 94.5980 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 82.0799, 77.2965, 94.5980 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, 242) }
```


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

```
.border{ border-color:rgb(255, 217, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0799, 77.2965, 94.5980 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
217, 242) }
```

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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