

Converting Colors

XYZ(81.0883, 76.8749, 94.3339)

Have a look what the booklet for
XYZ(81.0883, 76.8749, 94.3339)
contains.

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Color

**XYZ(80.9848, 76.7320,
94.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD9F2
RGB	252, 217, 242
RGB Percent	99%, 85%, 95%
CMY	0.0118, 0.1490, 0.0510
CMYK	0.00, 0.14, 0.04, 0.01
HSL	317°, 85%, 92%
HSV	317°, 14%, 99%
XYZ	80.9848, 76.7320, 94.5468
YIQ	230.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

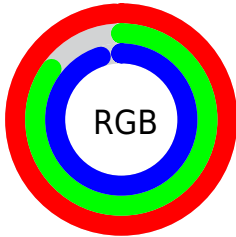
Format	Color
R _{YB}	252, 217, 242
Decimal	16570866
CIE Lab	90.20, 16.26, -7.71
CIE LCh	90, 17.997, 334.648
Yxy	76.7320, 0.3210, 0.3042
Android (android.graphics.Color)	4294760946 (0xFFFC D9F2)
YUV	230.3150, 5.7607, 19.0177
Hunter-Lab	87.5968, 11.7320, -2.6764

Details

The XYZ color **80.9848, 76.7320, 94.5468** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.2939, 89.9208, 85.9600**, and the grayscale version is **75.4010, 79.3277, 86.3878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2889, 40.9879, 52.0316** is the 20% darker color. If you saturate the color by 10%, you get **73.9190, 64.2964, 86.9606**, and if you desaturate by 10%, it is **89.0894, 91.1749, 102.6912**.

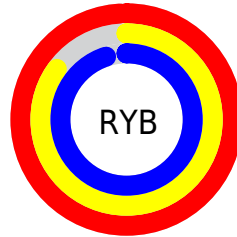
Distribution



Red (99%)

Green (85%)

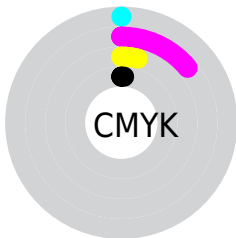
Blue (95%)



Red (99%)

Yellow (85%)

Blue (95%)

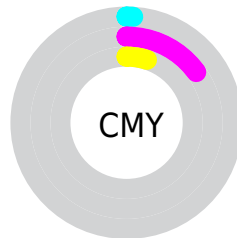


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9848, 76.7320, 94.5468 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 80.9848, 76.7320, 94.5468 by changing the saturation by 10% instead.


 80.9848, 76.7320,
94.5468

 80.9848, 76.7320,
94.5468


486.9316,
483.8498, 563.6603

 60.8403, 57.0329,
71.1630


133.6927,
128.7611, 155.6285

 44.3484, 41.0317,
51.9926


166.9868,
161.8599, 194.1636

 31.1436, 28.3438,
36.6170


205.3949,
200.1942, 238.5861

 20.8606, 18.5850,
24.6176

249.2822,
244.1482, 289.3147

 13.1340, 11.3708,
15.5760

299.0142,
294.1063, 346.7679

 7.5985, 6.3168,
9.0735

354.9562,

 3.8888, 3.0387,

350.4530, 411.3642

4.6917

417.4736,
413.5727, 483.5222

■ 1.6394, 1.1520,
2.0120

■ 0.4179, 0.0219,
0.5626

■ 80.9848, 76.7320,
94.5468

■ 80.9848, 76.7320,
94.5468

■ 73.9190, 64.2964,
86.9606

■ 89.0894, 91.1749,
102.6912

■ 67.8400, 53.7681,
79.9103

■ 93.9554, 99.4357,
108.8488

■ 62.7013, 45.0537,
73.3786

■ 58.4498, 38.0480,
67.3456

■ 55.0271, 32.6348,
61.7891

■ 52.3673, 28.6834,
56.6847

■ 50.3943, 26.0422,
52.0044

■ 49.0151, 24.5261,
47.7145

■ 48.3828, 23.9907,
45.2560

Harmonies

Analogous

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



77.9323, 76.7320, 105.4982



80.9848, 76.7320, 94.5468



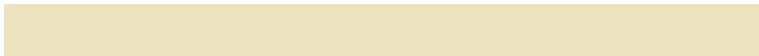
81.8458, 76.7320, 81.5674

Triad

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



80.9848, 76.7320, 94.5468



72.2365, 76.7320, 61.3200



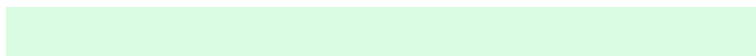
66.0812, 76.7320, 98.3521

Complementary

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



80.9848, 76.7320, 94.5468



77.2939, 89.9208, 85.9600

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.



64.6891, 76.7320, 85.5606



80.9848, 76.7320, 94.5468



68.1492, 76.7320, 64.8756

Square

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



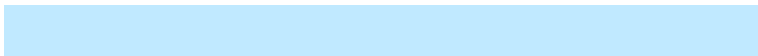
80.9848, 76.7320, 94.5468



76.6771, 76.7320, 63.2034



65.4305, 76.7320, 73.4373



69.3099, 76.7320, 107.8480

Rectangle

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



80.9848, 76.7320, 94.5468



81.0326, 76.7320, 73.6890



65.4305, 76.7320, 73.4373



65.3891, 76.7320, 94.2496

Sweetspot

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



80.9870, 76.7354, 94.5484



91.4161, 93.4776, 105.3912



74.0390, 72.9752, 102.2801



19.4248, 19.7537, 22.4191



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.



80.9870, 76.7354, 94.5484



80.8153, 74.6198, 94.6313



78.4943, 75.7383, 81.4219



17.7692, 17.4350, 20.6402



25.2695, 12.5235, 23.9254



2.3860, 1.1781, 2.4562

Inverse Universe

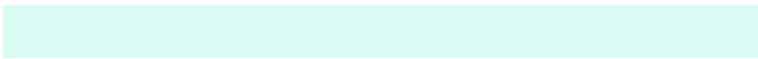
The Inverse Universe completely reimagines the original color for something new.



80.9870, 76.7354, 94.5484



80.8153, 74.6198, 94.6313



79.8208, 90.9315, 99.2665



17.7692, 17.4350, 20.6402



25.2695, 12.5235, 23.9254



2.3860, 1.1781, 2.4562

Previews

White Background



This preview shows how the XYZ color 80.9848, 76.7320, 94.5468 looks on a white background.

Color Contrast Check

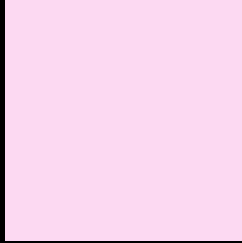
Large Text (above 18pt) WCAG AA × Fail

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 80.9848, 76.7320, 94.5468 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 80.9848, 76.7320, 94.5468

Background



This preview shows how black text looks on a background with the XYZ color 80.9848, 76.7320, 94.5468.



This preview shows how white text looks on a background with the XYZ color 80.9848, 76.7320,

94.5468.

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

80.9848, 76.7320, 94.5468

Protanopia

75.0362, 77.1157, 98.9257

Deuteranopia

78.4325, 76.5920, 93.8690



Tritanopia

79.8505, 76.6502, 89.1837

Trichromacy



Original Color

80.9848, 76.7320, 94.5468

Protanomaly

77.1301, 77.0301, 97.1893

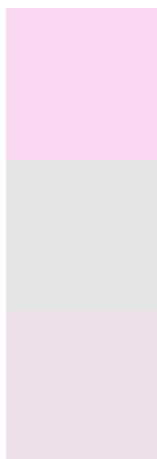
Deuteranomaly

79.2147, 76.6067, 93.8306

Tritanomaly

80.2877, 76.8251, 91.4860

Monochromacy



Original Color

80.9848, 76.7320, 94.5468

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.0364, 77.9681, 88.8310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9848, 76.7320, 94.5468 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(252, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.9848, 76.7320, 94.5468 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(252, 217, 242) }
```


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

```
.border{ border-color:rgb(252, 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(252, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9848, 76.7320, 94.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 242) }
```

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

```
.background{ background-color: rgb(252,  
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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