

Converting Colors

XYZ(101.9504, 87.3542,
96.8723)

Have a look what the booklet for
XYZ(101.9504, 87.3542, 96.8723)
contains.

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Color

**XYZ(82.3820, 77.4174,
96.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F4
RGB	255, 217, 244
RGB Percent	100%, 85%, 96%
CMY	0.0000, 0.1490, 0.0431
CMYK	0.00, 0.15, 0.04, 0.00
HSL	317°, 100%, 93%
HSV	317°, 15%, 100%
XYZ	82.3820, 77.4174, 96.1890
YIQ	231.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

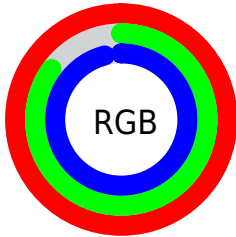
Format	Color
R_{YB}	255, 217, 244
Decimal	16767476
CIE _{Lab}	90.51, 17.62, -8.26
CIE _{LCh}	91, 19.456, 334.876
Yxy	77.4174, 0.3218, 0.3024
Android (android.graphics.Color)	4294957556 (0xFFFFD9F4)
YUV	231.4400, 6.1921, 20.6621
Hunter-Lab	87.9872, 13.1513, -3.2258

Details

The XYZ color **82.3820, 77.4174, 96.1890** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.3813, 91.8743, 87.0045**, and the grayscale version is **76.2330, 80.2031, 87.3411**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2861, 41.4773, 53.1960** is the 20% darker color. If you saturate the color by 10%, you get **75.2119, 64.8349, 88.3800**, and if you desaturate by 10%, it is **90.6160, 92.0551, 104.5763**.

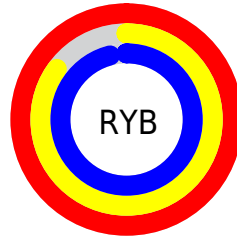
Distribution



Red (100%)

Green (85%)

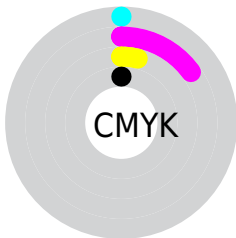
Blue (96%)



Red (100%)

Yellow (85%)

Blue (96%)

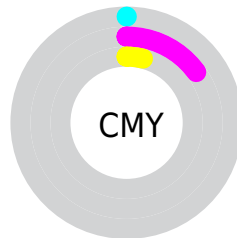


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3820, 77.4174, 96.1890 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 82.3820, 77.4174, 96.1890 by changing the saturation by 10% instead.

82.3820, 77.4174,
96.1890

82.3820, 77.4174,
96.1890

491.5397,
486.1860, 569.0458

61.9956, 57.5955,
72.5226

135.6426,
129.7285, 157.9159

45.2848, 41.4836,
53.0963

169.2475,
162.9865, 196.8135

31.8840, 28.6971,
37.4914

207.9894,
201.4921, 241.6253

21.4280, 18.8518,
25.2894

252.2335,
245.6295, 292.7698

13.5515, 11.5633,
16.0718

302.3452,
295.7832, 350.6656

7.8890, 6.4470,
9.4201

358.6900,

4.0752, 3.1188,

352.3376, 415.7311

4.9157

421.6330,
415.6770, 488.3850

■ 1.7448, 1.1940,
2.1400

■ 0.4840, 0.0568,
0.6394

■ 82.3820, 77.4174,
96.1890

■ 82.3820, 77.4174,
96.1890

■ 75.2119, 64.8349,
88.3800

■ 90.6160, 92.0551,
104.5763

■ 69.0534, 54.2050,
81.1261

95.0500, 100.0000,
108.9000

■ 63.8577, 45.4306,
74.4094

■ 59.5697, 38.4021,
68.2090

■ 56.1284, 32.9988,
62.5019

■ 53.4653, 29.0841,
57.2623

■ 51.5003, 26.4992,
52.4609

■ 50.1354, 25.0485,
48.0621

■ 49.5992, 24.6037,
45.9489

Harmonies

Analogous

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



79.0628, 77.4174, 108.2401



82.3820, 77.4174, 96.1890



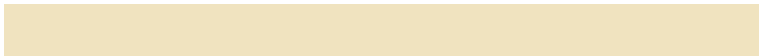
83.3032, 77.4174, 82.0375

Triad

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



82.3820, 77.4174, 96.1890



72.7906, 77.4174, 60.3182



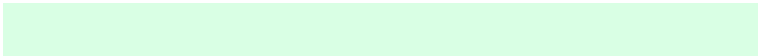
66.1719, 77.4174, 100.5610

Complementary

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



82.3820, 77.4174, 96.1890



78.3813, 91.8743, 87.0045

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.



64.6498, 77.4174, 86.5923



82.3820, 77.4174, 96.1890



68.3623, 77.4174, 64.1696

Square

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



82.3820, 77.4174, 96.1890



77.6267, 77.4174, 62.2895



65.4338, 77.4174, 73.4231



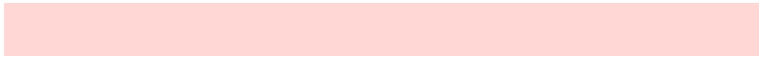
69.6820, 77.4174, 110.9529

Rectangle

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



82.3820, 77.4174, 96.1890



82.4004, 77.4174, 73.5189



65.4338, 77.4174, 73.4231



65.4180, 77.4174, 96.0744

Sweetspot

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



82.3837, 77.4205, 96.1906



91.4101, 93.4751, 105.3594



74.7867, 73.3053, 104.8154



19.4233, 19.7531, 22.4110



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.



82.3837, 77.4205, 96.1906



80.0489, 73.3036, 93.7084



79.6775, 76.3380, 81.9398



18.5553, 18.2055, 21.5416



25.9847, 12.8832, 24.3674



2.5775, 1.2734, 2.6225

Inverse Universe

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



82.3837, 77.4205, 96.1906



80.0489, 73.3036, 93.7084



81.1298, 92.9737, 101.4778



18.5553, 18.2055, 21.5416



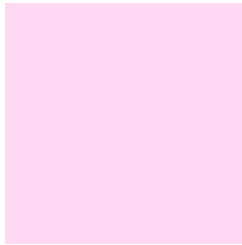
25.9847, 12.8832, 24.3674



2.5775, 1.2734, 2.6225

Previews

White Background



This preview shows how the XYZ color 82.3820, 77.4174, 96.1890 looks on a white background.

Color Contrast Check

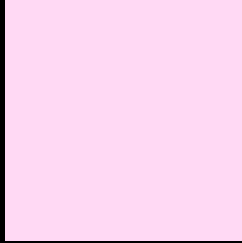
Large Text (above 18pt) WCAG AA × Fail

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 82.3820, 77.4174, 96.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

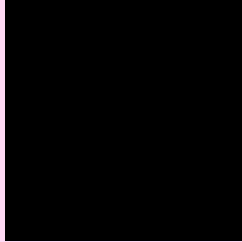
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3820, 77.4174, 96.1890

Background



This preview shows how black text looks on a background with the XYZ color 82.3820, 77.4174, 96.1890.



This preview shows how white text looks on a background with the XYZ color 82.3820, 77.4174,

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

82.3820, 77.4174, 96.1890

Protanopia

75.8157, 77.4636, 101.3985

Deuteranopia

78.9963, 77.2387, 95.5390



Tritanopia

80.9399, 77.2118, 89.2346

Trichromacy



Original Color

82.3820, 77.4174, 96.1890

Protanomaly

78.2560, 77.5572, 99.6524

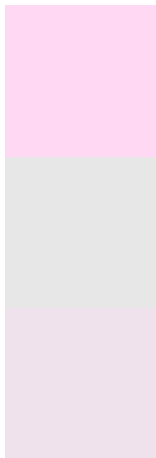
Deuteranomaly

80.1286, 77.4316, 95.5166

Tritanomaly

81.3771, 77.3867, 91.5370

Monochromacy



Original Color

82.3820, 77.4174, 96.1890

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.2719, 78.9741, 90.4750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3820, 77.4174, 96.1890 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 244) }
```

Border

The CSS property to change the border of an element to XYZ 82.3820, 77.4174, 96.1890 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, 244) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3820, 77.4174, 96.1890 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, 244) }
```

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

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