

Converting Colors

XYZ(82.1861, 77.2360, 95.4749)

Have a look what the booklet for
XYZ(82.1861, 77.2360, 95.4749)
contains.

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Color

**XYZ(82.2305, 77.3568,
95.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9F3
RGB	255, 217, 243
RGB Percent	100%, 85%, 95%
CMY	0.0000, 0.1490, 0.0471
CMYK	0.00, 0.15, 0.05, 0.00
HSL	319°, 100%, 93%
HSV	319°, 15%, 100%
XYZ	82.2305, 77.3568, 95.3914
YIQ	231.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

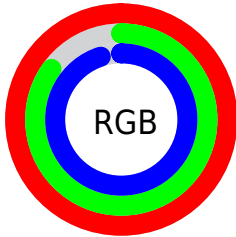
Format	Color
R_{YB}	255, 217, 243
Decimal	16767475
CIE _{Lab}	90.49, 17.44, -7.78
CIE _{LCh}	90, 19.098, 335.971
Yxy	77.3568, 0.3225, 0.3034
Android (android.graphics.Color)	4294957555 (0xFFFFD9F3)
YUV	231.3260, 5.7553, 20.7621
Hunter-Lab	87.9527, 12.9695, -2.7376

Details

The XYZ color **82.2305, 77.3568, 95.3914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.5205, 91.9300, 87.7379**, and the grayscale version is **76.1510, 80.1168, 87.2472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1787, 41.4343, 52.6302** is the 20% darker color. If you saturate the color by 10%, you get **74.9693, 64.7379, 87.1026**, and if you desaturate by 10%, it is **90.5641, 92.0344, 104.3029**.

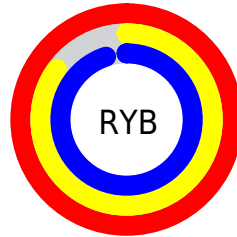
Distribution



Red (100%)

Green (85%)

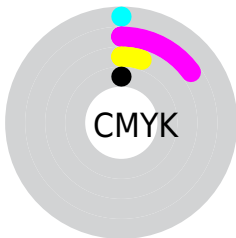
Blue (95%)



Red (100%)

Yellow (85%)

Blue (95%)

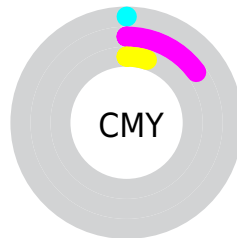


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2305, 77.3568, 95.3914 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 82.2305, 77.3568, 95.3914 by changing the saturation by 10% instead.


 82.2305, 77.3568,
95.3914

 82.2305, 77.3568,
95.3914


491.0412,
485.9797, 566.4336

 61.8703, 57.5458,
71.8621


135.4313,
129.6430, 156.8055

 45.1831, 41.4436,
52.5599


169.0027,
162.8870, 195.5273

 31.8036, 28.6658,
37.0662


207.7085,
201.3774, 240.1504

 21.3663, 18.8282,
24.9626

251.9140,
245.4986, 291.0933

 13.5060, 11.5462,
15.8304

301.9847,
295.6351, 348.7745

 7.8573, 6.4355,
9.2512

358.2859,

 4.0548, 3.1116,

352.1711, 413.6126

4.8063

421.1829,
415.4912, 486.0261

■ 1.7332, 1.1903,
2.0773

■ 0.4769, 0.0538,
0.6022

■ 82.2305, 77.3568,
95.3914

■ 82.2305, 77.3568,
95.3914

■ 74.9693, 64.7379,
87.1026

■ 90.5641, 92.0344,
104.3029

■ 68.7280, 54.0749,
79.4127

95.0500, 100.0000,
108.9000

■ 63.4577, 45.2706,
72.3028

■ 59.1029, 38.2154,
65.7512

■ 55.6028, 32.7885,
59.7339

■ 52.8884, 28.8533,
54.2243

■ 50.8796, 26.2509,
49.1922

■ 49.4781, 24.7856,
44.6008

■ 48.9260, 24.3344,
42.4038

Harmonies

Analogous

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



79.0490, 77.3568, 107.3424



82.2305, 77.3568, 95.3914



83.0364, 77.3568, 81.5236

Triad

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



82.2305, 77.3568, 95.3914



72.5747, 77.3568, 60.6974



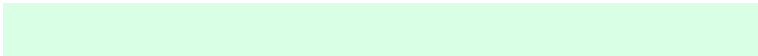
66.3448, 77.3568, 100.6301

Complementary

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



82.2305, 77.3568, 95.3914



78.5205, 91.9300, 87.7379

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.



64.7697, 77.3568, 86.9924



82.2305, 77.3568, 95.3914



68.2651, 77.3568, 64.6962

Square

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



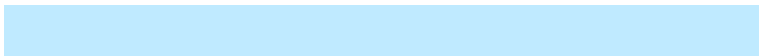
82.2305, 77.3568, 95.3914



77.3263, 77.3568, 62.4299



65.4573, 77.3568, 73.9721



69.8510, 77.3568, 110.5886

Rectangle

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



82.2305, 77.3568, 95.3914



82.0889, 77.3568, 73.2342



65.4573, 77.3568, 73.9721



65.5790, 77.3568, 96.2713

Sweetspot

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



82.2323, 77.3600, 95.3930



91.3676, 93.4581, 105.1354



74.9877, 73.4090, 104.8248



19.4125, 19.7488, 22.3542



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.



82.2323, 77.3600, 95.3930



79.8683, 73.2313, 92.7573



79.5911, 76.3035, 81.4850



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5292



2.5456, 1.2606, 2.4545

Inverse Universe

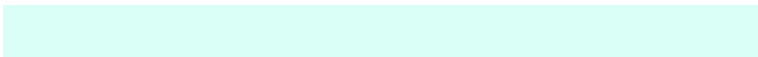
The Inverse Universe completely reimagines the original color for something new.



82.2323, 77.3600, 95.3930



79.8683, 73.2313, 92.7573



81.2276, 93.0128, 101.9928



18.5342, 18.1970, 21.4302



25.6356, 12.7435, 22.5292



2.5456, 1.2606, 2.4545

Previews

White Background



This preview shows how the XYZ color 82.2305, 77.3568, 95.3914 looks on a white background.

Color Contrast Check

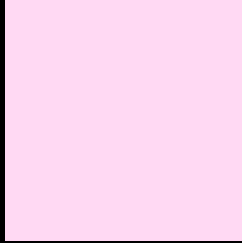
Large Text (above 18pt) WCAG AA × Fail

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 82.2305, 77.3568, 95.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

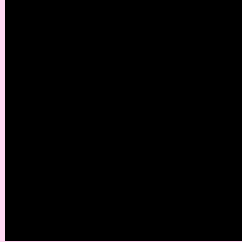
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2305, 77.3568, 95.3914

Background



This preview shows how black text looks on a background with the XYZ color 82.2305, 77.3568, 95.3914.



This preview shows how white text looks on a background with the XYZ color 82.2305, 77.3568,

95.3914.

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

82.2305, 77.3568, 95.3914

Protanopia

75.6593, 77.4010, 100.5748

Deuteranopia

79.1917, 77.3568, 94.7619



Tritanopia

80.9399, 77.2118, 89.2346

Trichromacy



Original Color

82.2305, 77.3568, 95.3914

Protanomaly

78.1012, 77.4953, 98.8374

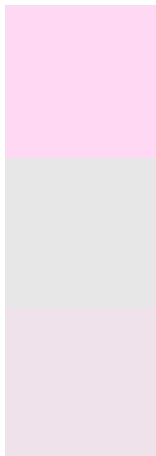
Deuteranomaly

80.3316, 77.5537, 94.7398

Tritanomaly

81.3771, 77.3867, 91.5370

Monochromacy



Original Color

82.2305, 77.3568, 95.3914

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 82.2305, 77.3568, 95.3914 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.2305, 77.3568, 95.3914 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, 243) }
```


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

```
.border{ border-color:rgb(255, 217, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2305, 77.3568, 95.3914 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
217, 243) }
```

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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