

Converting Colors

XYZ(75.9390, 68.5097, 81.7768)

Have a look what the booklet for
XYZ(75.9390, 68.5097, 81.7768)
contains.

XYZ(75.9918, 68.5793, 81.9050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9918, 68.5793,
81.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9E3
RGB	255, 201, 227
RGB Percent	100%, 79%, 89%
CMY	0.0000, 0.2117, 0.1098
CMYK	0.00, 0.21, 0.11, 0.00
HSL	331°, 100%, 89%
HSV	331°, 21%, 100%
XYZ	75.9918, 68.5793, 81.9050
YIQ	220.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

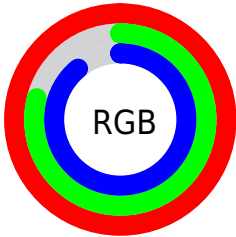
Format	Color
R_{YB}	255, 201, 227
Decimal	16763363
CIE _{Lab}	86.30, 23.14, -5.52
CIE _{LCh}	86, 23.787, 346.580
Yxy	68.5793, 0.3355, 0.3028
Android (android.graphics.Color)	4294953443 (0xFFFFC9E3)
YUV	220.1100, 3.3968, 30.5985
Hunter-Lab	82.8126, 18.8759, -0.6714

Details

The XYZ color **75.9918, 68.5793, 81.9050** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.9925, 89.5957, 87.5259**, and the grayscale version is **68.0710, 71.6160, 77.9899**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1688, 35.8518, 43.7800** is the 20% darker color. If you saturate the color by 10%, you get **68.7779, 56.9610, 70.8396**, and if you desaturate by 10%, it is **84.3357, 82.2328, 94.0405**.

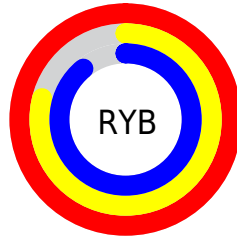
Distribution



Red (100%)

Green (79%)

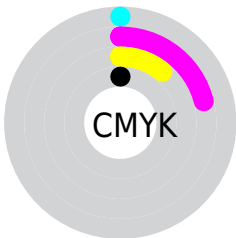
Blue (89%)



Red (100%)

Yellow (79%)

Blue (89%)

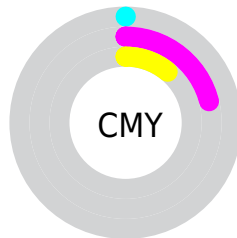


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9918, 68.5793, 81.9050 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 75.9918, 68.5793, 81.9050 by changing the saturation by 10% instead.


 75.9918, 68.5793,
81.9050

 75.9918, 68.5793,
81.9050


470.2644,
455.5458, 521.2050

 56.7228, 50.3692,
60.7519


126.6957,
117.1805, 137.8763

 41.0220, 35.7068,
43.5957


158.8614,
148.3403, 173.5315

 28.5240, 24.2078,
30.0179


196.0567,
184.5855, 214.8578

 18.8635, 15.4879,
19.6000

238.6469,
226.3005, 262.2738

 11.6751, 9.1625,
11.9235

286.9974,
273.8696, 316.1979

 6.5935, 4.8473,
6.5697

341.4736,

 3.2532, 2.1580,

327.6773, 377.0488

3.1201

402.4408,
388.1079, 445.2450

■ 1.2891, 0.6969,
1.1563

■ 0.1750, 0.0000,
0.0000

■ 75.9918, 68.5793,
81.9050

■ 75.9918, 68.5793,
81.9050

■ 68.7779, 56.9610,
70.8396

■ 84.3357, 82.2328,
94.0405

■ 62.6376, 47.2707,
60.8073

■ 93.8532, 98.0049,
107.2729

■ 57.5165, 39.4045,
51.7748

95.0500, 100.0000,
108.9000

■ 53.3530, 33.2450,
43.7052

■ 50.0789, 28.6610,
36.5583

■ 47.6159, 25.5019,
30.2901

■ 45.8705, 23.5869,
24.8507

■ 44.8008, 22.6843,
20.6807

Harmonies

Analogous

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



73.1491, 68.5793, 97.4222



75.9918, 68.5793, 81.9050



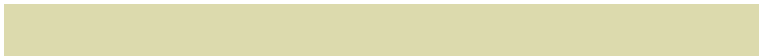
75.8251, 68.5793, 66.3775

Triad

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



75.9918, 68.5793, 81.9050



62.2184, 68.5793, 49.2964



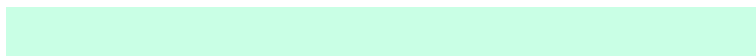
58.1971, 68.5793, 98.8356

Complementary

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



75.9918, 68.5793, 81.9050



73.9925, 89.5957, 87.5259

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.



55.5855, 68.5793, 83.6285



75.9918, 68.5793, 81.9050



57.8165, 68.5793, 55.7703

Square

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



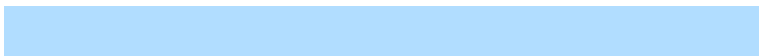
75.9918, 68.5793, 81.9050



67.6617, 68.5793, 48.9702



55.4503, 68.5793, 67.8764



62.7647, 68.5793, 108.0828

Rectangle

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



75.9918, 68.5793, 81.9050



74.0263, 68.5793, 58.0745



55.4503, 68.5793, 67.8764



57.0728, 68.5793, 94.1622

Sweetspot

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



75.9933, 68.5821, 81.9064



89.1106, 90.1232, 100.7481



71.2201, 65.6380, 103.5234



18.9406, 19.0701, 21.3795



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.



75.9933, 68.5821, 81.9064



73.1025, 63.9016, 77.5481



72.8817, 67.6742, 64.4831



18.3737, 18.1328, 20.5849



23.4839, 11.8829, 11.1988



2.3414, 1.1789, 1.3793

Inverse Universe

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



75.9933, 68.5821, 81.9064



73.1025, 63.9016, 77.5481



77.6126, 90.5855, 108.0019



18.3737, 18.1328, 20.5849



23.4839, 11.8829, 11.1988



2.3414, 1.1789, 1.3793

Previews

White Background



This preview shows how the XYZ color 75.9918, 68.5793, 81.9050 looks on a white background.

Color Contrast Check

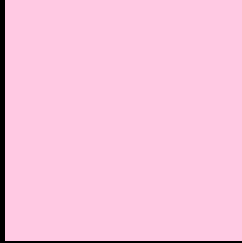
Large Text (above 18pt) WCAG AA × Fail

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 75.9918, 68.5793, 81.9050 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 75.9918, 68.5793, 81.9050

Background



This preview shows how black text looks on a background with the XYZ color 75.9918, 68.5793, 81.9050.



This preview shows how white text looks on a background with the XYZ color 75.9918, 68.5793,

81.9050.

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

75.9918, 68.5793, 81.9050

Protanopia

67.0274, 68.8952, 88.3626

Deuteranopia

70.2415, 68.8531, 80.8220



Tritanopia

74.6485, 68.3738, 75.5927

Trichromacy



Original Color

75.9918, 68.5793, 81.9050

Protanomaly

69.9252, 68.5774, 85.8952

Deuteranomaly

72.3159, 68.8174, 81.4231

Tritanomaly

75.0447, 68.5323, 77.6794

Monochromacy



Original Color

75.9918, 68.5793, 81.9050

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.7178, 70.2399, 79.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9918, 68.5793, 81.9050 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, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 227)  
}
```

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, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.9918, 68.5793, 81.9050 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, 201, 227) }
```


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

```
.border{ border-color:rgb(255, 201, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 201, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9918, 68.5793, 81.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 227) }
```

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

```
.background{ background-color: rgb(255,  
201, 227) }
```

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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