

Converting Colors

XYZ(81.3861, 73.6264, 91.8023)

Have a look what the booklet for
XYZ(81.3861, 73.6264, 91.8023)
contains.

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Color

**XYZ(79.3759, 72.6037,
91.4917)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0EF
RGB	255, 208, 239
RGB Percent	100%, 82%, 94%
CMY	0.0000, 0.1843, 0.0627
CMYK	0.00, 0.18, 0.06, 0.00
HSL	320°, 100%, 91%
HSV	320°, 18%, 100%
XYZ	79.3759, 72.6037, 91.4917
YIQ	225.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

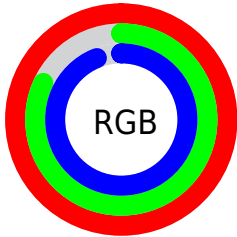
Format	Color
R _{YB}	255, 208, 239
Decimal	16765167
CIE _{Lab}	88.26, 21.47, -8.97
CIE _{LCh}	88, 23.265, 337.315
Yxy	72.6037, 0.3260, 0.2982
Android (android.graphics.Color)	4294955247 (0xFFFFD0EF)
YUV	225.5870, 6.6126, 25.7952
Hunter-Lab	85.2078, 17.1692, -4.0170

Details

The XYZ color **79.3759, 72.6037, 91.4917** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.2292, 90.3128, 83.9912**, and the grayscale version is **71.9367, 75.6830, 82.4188**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2272, 38.2071, 49.8961** is the 20% darker color. If you saturate the color by 10%, you get **72.3997, 60.6546, 82.9905**, and if you desaturate by 10%, it is **87.4163, 86.5822, 100.6536**.

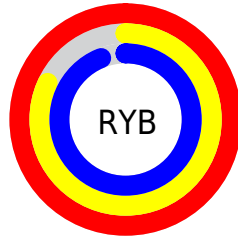
Distribution



Red (100%)

Green (82%)

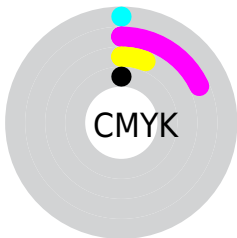
Blue (94%)



Red (100%)

Yellow (82%)

Blue (94%)

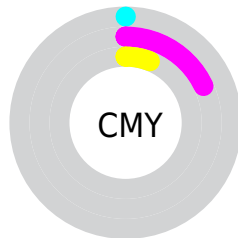


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3759, 72.6037, 91.4917 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 79.3759, 72.6037, 91.4917 by changing the saturation by 10% instead.


 79.3759, 72.6037,
91.4917

 79.3759, 72.6037,
91.4917


481.5957,
469.6401, 553.5663

 59.5116, 53.6520,
68.6379

131.4431,
122.9144, 151.3623

 43.2731, 38.3235,
49.9469


164.3767,
155.0423, 189.2161

 30.2949, 26.2339,
35.0003


202.3974,
192.3309, 232.9070

 20.2117, 16.9987,
23.3796

245.8706,
235.1647, 282.8534

 12.6582, 10.2335,
14.6661

295.1617,
283.9282, 339.4741

 7.2690, 5.5541,
8.4414

350.6360,

 3.6787, 2.5759,

339.0056, 403.1874

4.2869

412.6589,
400.7815, 474.4119

■ 1.5220, 0.9146,
1.7840

■ 0.3407, 0.0000,
0.4174

■ 79.3759, 72.6037,
91.4917

■ 79.3759, 72.6037,
91.4917

■ 72.3997, 60.6546,
82.9905

■ 87.4163, 86.5822,
100.6536

■ 66.4344, 50.6305,
75.1250

95.0500, 100.0000,
108.9000

■ 61.4293, 42.4307,
67.8750

■ 57.3269, 35.9422,
61.2169

■ 54.0636, 31.0388,
55.1250

■ 51.5669, 27.5771,
49.5706

■ 49.7512, 25.3874,
44.5203

■ 48.4968, 24.2323,
39.9295

■ 48.3254, 24.0942,
39.2414

Harmonies

Analogous

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



75.7106, 72.6037, 106.0639



79.3759, 72.6037, 91.4917



80.1932, 72.6037, 75.2092

Triad

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



79.3759, 72.6037, 91.4917



67.6521, 72.6037, 52.3495



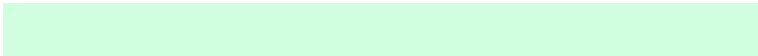
60.8299, 72.6037, 99.1577

Complementary

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



79.3759, 72.6037, 91.4917



75.2292, 90.3128, 83.9912

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.



58.9138, 72.6037, 83.0258



79.3759, 72.6037, 91.4917



62.7125, 72.6037, 57.0679

Square

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



79.3759, 72.6037, 91.4917



73.2242, 72.6037, 53.9805



59.5840, 72.6037, 67.7963



64.9562, 72.6037, 110.8891

Rectangle

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



79.3759, 72.6037, 91.4917



78.9749, 72.6037, 65.7881



59.5840, 72.6037, 67.7963



59.9164, 72.6037, 93.9911

Sweetspot

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



79.3775, 72.6066, 91.4932



89.5344, 90.2927, 102.9803



71.2457, 68.1292, 104.0029



19.0408, 19.1102, 21.9073



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.



79.3775, 72.6066, 91.4932



76.7664, 68.1112, 88.3825



76.1710, 71.3240, 74.6083



18.5145, 18.1891, 21.3263



25.3238, 12.6188, 20.8874



2.5169, 1.2491, 2.3034

Inverse Universe

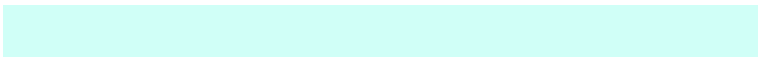
The Inverse Universe completely reimagines the original color for something new.



79.3775, 72.6066, 91.4932



76.7664, 68.1112, 88.3825



78.5884, 91.6565, 101.6808



18.5145, 18.1891, 21.3263



25.3238, 12.6188, 20.8874



2.5169, 1.2491, 2.3034

Previews

White Background



This preview shows how the XYZ color 79.3759, 72.6037, 91.4917 looks on a white background.

Color Contrast Check

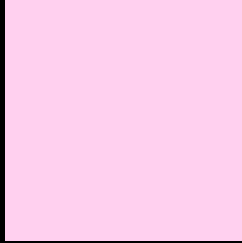
Large Text (above 18pt) WCAG AA × Fail

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 79.3759, 72.6037, 91.4917 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 79.3759, 72.6037, 91.4917

Background



This preview shows how black text looks on a background with the XYZ color 79.3759, 72.6037, 91.4917.



This preview shows how white text looks on a background with the XYZ color 79.3759, 72.6037,

91.4917.

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

79.3759, 72.6037, 91.4917

Protanopia

71.2951, 72.8072, 98.2912

Deuteranopia

74.3251, 72.6068, 90.9861



Tritanopia

77.2821, 72.4668, 81.8658

Trichromacy



Original Color

79.3759, 72.6037, 91.4917

Protanomaly

73.8400, 72.6323, 95.7156

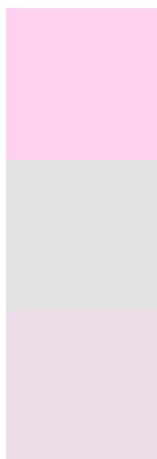
Deuteranomaly

75.9382, 72.3147, 90.8447

Tritanomaly

78.0973, 72.4413, 85.4677

Monochromacy



Original Color

79.3759, 72.6037, 91.4917

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6804, 74.4371, 86.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3759, 72.6037, 91.4917 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, 208, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 239)  
}
```

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, 208, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.3759, 72.6037, 91.4917 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, 208, 239) }
```


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

```
.border{ border-color:rgb(255, 208, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3759, 72.6037, 91.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 239) }
```

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

```
.background{ background-color: rgb(255,  
208, 239) }
```

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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