

Converting Colors

XYZ(81.1581, 73.7472, 99.5494)

Have a look what the booklet for
XYZ(81.1581, 73.7472, 99.5494)
contains.

XYZ(81.1393, 73.7005, 99.5716)	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(81.1393, 73.7005,
99.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F9
RGB	255, 209, 249
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1804, 0.0235
CMYK	0.00, 0.18, 0.02, 0.00
HSL	308°, 100%, 91%
HSV	308°, 18%, 100%
XYZ	81.1393, 73.7005, 99.5716
YIQ	227.3140, 14.5760, 22.1920

Conversions

Conversions Part 2

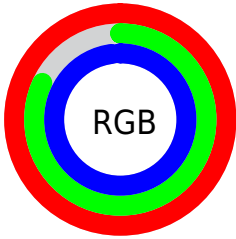
Format	Color
R _Y B	255, 209, 249
Decimal	16765433
CIE _{Lab}	88.78, 22.67, -13.47
CIE _{LCh}	89, 26.375, 329.284
Yxy	73.7005, 0.3189, 0.2897
Android (android.graphics.Color)	4294955513 (0xFFFFD1F9)
YUV	227.3140, 10.6912, 24.2806
Hunter-Lab	85.8490, 18.4717, -8.6730

Details

The XYZ color **81.1393, 73.7005, 99.5716** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.3225, 89.9827, 77.7443**, and the grayscale version is **73.1609, 76.9710, 83.8214**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4699, 38.9672, 55.6297** is the 20% darker color. If you saturate the color by 10%, you get **74.8628, 61.9700, 94.9435**, and if you desaturate by 10%, it is **88.4296, 87.4432, 104.5849**.

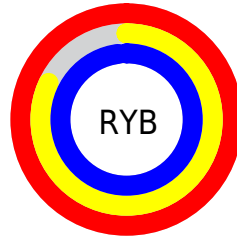
Distribution



Red (100%)

Green (82%)

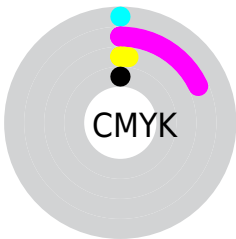
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

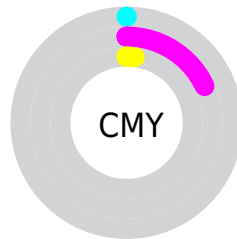


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1393, 73.7005, 99.5716 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 81.1393, 73.7005, 99.5716 by changing the saturation by 10% instead.


 81.1393, 73.7005,
99.5716

 81.1393, 73.7005,
99.5716


487.4424,
473.4391, 580.0533

 60.9680, 54.5489,
75.3279


133.9085,
124.4712, 162.6151

 44.4518, 39.0407,
55.3782


167.2371,
156.8590, 202.2520

 31.2253, 26.7914,
39.3040


205.6822,
194.4278, 247.8570

 20.9231, 17.4166,
26.6866

249.6091,
237.5619, 299.8487

 13.1800, 10.5320,
17.1077

299.3832,
286.6457, 358.6456

 7.6304, 5.7531,
10.1485

355.3699,

 3.9092, 2.6955,

342.0635, 424.6664

5.3906

417.9345,
404.1999, 498.3294

■ 1.6509, 0.9749,
2.4155

■ 0.4252, 0.0000,
0.7949

■ 81.1393, 73.7005,
99.5716

■ 81.1393, 73.7005,
99.5716

■ 74.8628, 61.9700,
94.9435

■ 88.4296, 87.4432,
104.5849

■ 69.5475, 52.1476,
90.6799

95.0500, 100.0000,
108.9000

■ 65.1435, 44.1335,
86.7650

■ 61.5948, 37.8152,
83.1797

■ 58.8386, 33.0677,
79.9030

■ 56.8038, 29.7487,
76.9108

■ 55.4063, 27.6900,
74.1751

■ 54.5321, 26.6638,
71.6574

■ 54.3902, 26.5201,
71.1781

Harmonies

Analogous

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



76.2261, 73.7005, 114.9718



81.1393, 73.7005, 99.5716



83.0519, 73.7005, 80.6872

Triad

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



81.1393, 73.7005, 99.5716



70.2035, 73.7005, 49.9840



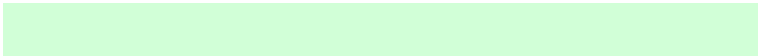
59.8821, 73.7005, 98.6961

Complementary

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



81.1393, 73.7005, 99.5716



74.3225, 89.9827, 77.7443

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.



58.4814, 73.7005, 79.8091



81.1393, 73.7005, 99.5716



64.2171, 73.7005, 53.3299

Square

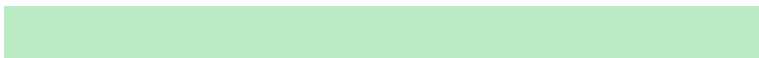
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



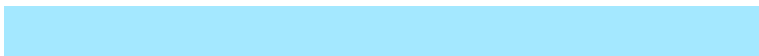
81.1393, 73.7005, 99.5716



76.5074, 73.7005, 53.6650



60.0203, 73.7005, 63.6005



63.9668, 73.7005, 114.4147

Rectangle

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



81.1393, 73.7005, 99.5716



82.2841, 73.7005, 69.1905



60.0203, 73.7005, 63.6005



59.0932, 73.7005, 92.4234

Sweetspot

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



81.1410, 73.7035, 99.5732



90.8500, 92.0265, 106.1849



68.6921, 67.1760, 103.9535



19.3239, 19.4668, 22.6480



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.



81.1410, 73.7035, 99.5732



78.5346, 68.8185, 97.6935



77.8570, 72.3899, 82.2798



18.6847, 18.2572, 22.2228



28.4599, 13.8732, 37.4017



2.7982, 1.3617, 3.7847

Inverse Universe

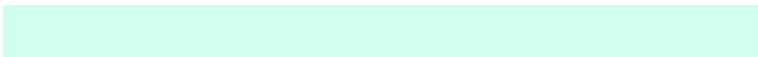
The Inverse Universe completely reimagines the original color for something new.



81.1410, 73.7035, 99.5732



78.5346, 68.8185, 97.6935



77.3962, 91.2122, 93.9302



18.6847, 18.2572, 22.2228



28.4599, 13.8732, 37.4017



2.7982, 1.3617, 3.7847

Previews

White Background



This preview shows how the XYZ color 81.1393, 73.7005, 99.5716 looks on a white background.

Color Contrast Check

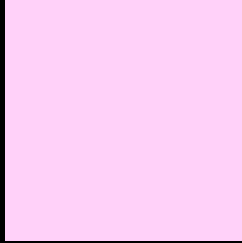
Large Text (above 18pt) WCAG AA × Fail

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 81.1393, 73.7005, 99.5716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

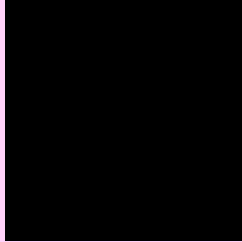
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1393, 73.7005, 99.5716

Background



This preview shows how black text looks on a background with the XYZ color 81.1393, 73.7005, 99.5716.



This preview shows how white text looks on a background with the XYZ color 81.1393, 73.7005,

99.5716.

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

81.1393, 73.7005, 99.5716

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.5330, 73.8335, 98.2660



Tritanopia

77.8312, 73.4396, 84.2018

Trichromacy



Original Color

81.1393, 73.7005, 99.5716

Protanomaly

75.4975, 73.7065, 103.1761

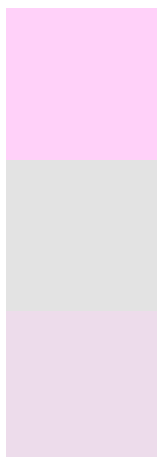
Deuteranomaly

77.6078, 73.7477, 98.9513

Tritanomaly

78.9426, 73.5273, 89.3883

Monochromacy



Original Color

81.1393, 73.7005, 99.5716

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.5136, 75.1891, 89.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1393, 73.7005, 99.5716 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, 209, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 249)  
}
```

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, 209, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 249) }
```

Border

The CSS property to change the border of an element to XYZ 81.1393, 73.7005, 99.5716 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, 209, 249) }
```


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

```
.border{ border-color:rgb(255, 209, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1393, 73.7005, 99.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 249) }
```

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

```
.background{ background-color: rgb(255,  
209, 249) }
```

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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