

Converting Colors

XYZ(85.5077, 76.3030, 91.5125)

Have a look what the booklet for
XYZ(85.5077, 76.3030, 91.5125)
contains.

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Color

**XYZ(79.6205, 73.0929,
91.5732)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1EF
RGB	255, 209, 239
RGB Percent	100%, 82%, 94%
CMY	0.0000, 0.1804, 0.0627
CMYK	0.00, 0.18, 0.06, 0.00
HSL	321°, 100%, 91%
HSV	321°, 18%, 100%
XYZ	79.6205, 73.0929, 91.5732
YIQ	226.1740, 17.7860, 19.0820

Conversions

Conversions Part 2

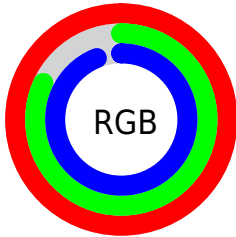
Format	Color
R_{YB}	255, 209, 239
Decimal	16765423
CIE _{Lab}	88.49, 20.94, -8.63
CIE _{LCh}	88, 22.648, 337.613
Yxy	73.0929, 0.3259, 0.2992
Android (android.graphics.Color)	4294955503 (0xFFFFD1EF)
YUV	226.1740, 6.3232, 25.2804
Hunter-Lab	85.4944, 16.6210, -3.6596

Details

The XYZ color **79.6205, 73.0929, 91.5732** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6473, 90.5126, 84.7210**, and the grayscale version is **72.3627, 76.1312, 82.9069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3915, 38.5359, 49.9509** is the 20% darker color. If you saturate the color by 10%, you get **72.5794, 61.0566, 82.9194**, and if you desaturate by 10%, it is **87.7303, 87.1634, 100.9026**.

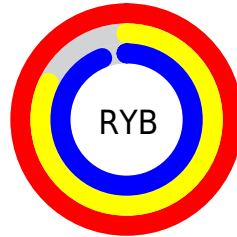
Distribution



Red (100%)

Green (82%)

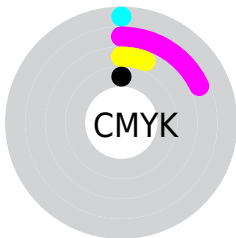
Blue (94%)



Red (100%)

Yellow (82%)

Blue (94%)

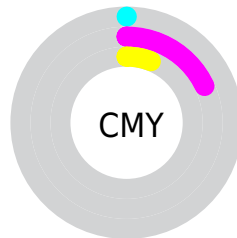


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6205, 73.0929, 91.5732 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 79.6205, 73.0929, 91.5732 by changing the saturation by 10% instead.


 79.6205, 73.0929,
91.5732

 79.6205, 73.0929,
91.5732


482.4090,
471.3367, 553.8368

 59.7135, 54.0519,
68.7051


131.7854,
123.6091, 151.4763

 43.4363, 38.6432,
50.0013


164.7740,
155.8531, 189.3484

 30.4236, 26.4823,
35.0433

202.8538,
193.2669, 233.0589

 20.3100, 17.1848,
23.4124

246.3902,
236.2349, 283.0264

 12.7302, 10.3663,
14.6902

295.7486,
285.1415, 339.6694

 7.3187, 5.6425,
8.4580

351.2943,

 3.7103, 2.6289,

340.3711, 403.4064

4.2975

413.3926,
402.3080, 474.6561

■ 1.5396, 0.9412,
1.7899

■ 0.3525, 0.0000,
0.4213

■ 79.6205, 73.0929,
91.5732

■ 79.6205, 73.0929,
91.5732

■ 72.5794, 61.0566,
82.9194

■ 87.7303, 87.1634,
100.9026

■ 66.5539, 50.9501,
74.9159

95.0500, 100.0000,
108.9000

■ 61.4931, 42.6733,
67.5423

■ 57.3401, 36.1133,
60.7747

■ 54.0311, 31.1447,
54.5872

■ 51.4942, 27.6248,
48.9508

■ 49.6442, 25.3852,
43.8321

■ 48.3661, 24.1974,
39.1875

■ 48.1505, 24.0242,
38.3204

Harmonies

Analogous

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



76.0673, 73.0929, 105.8081



79.6205, 73.0929, 91.5732



80.3868, 73.0929, 75.6753

Triad

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



79.6205, 73.0929, 91.5732



68.0934, 73.0929, 53.3887



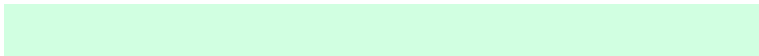
61.4970, 73.0929, 99.3458

Complementary

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



79.6205, 73.0929, 91.5732



75.6473, 90.5126, 84.7210

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.



59.5939, 73.0929, 83.6287



79.6205, 73.0929, 91.5732



63.2706, 73.0929, 58.0987

Square

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



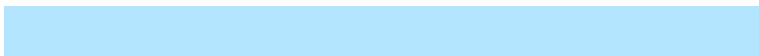
79.6205, 73.0929, 91.5732



73.5411, 73.0929, 54.9342



60.2258, 73.0929, 68.6929



65.5570, 73.0929, 110.6891

Rectangle

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



79.6205, 73.0929, 91.5732



79.1791, 73.0929, 66.4689



60.2258, 73.0929, 68.6929



60.5937, 73.0929, 94.3237

Sweetspot

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



79.6221, 73.0958, 91.5747



90.4107, 91.8508, 103.8715



71.6970, 68.7250, 104.0942



19.2169, 19.4240, 22.0845



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.



79.6221, 73.0958, 91.5747



76.7062, 68.0871, 88.0653



76.5236, 71.8564, 75.2583



18.5085, 18.1867, 21.2951



25.2329, 12.5825, 20.4089



2.5085, 1.2458, 2.2591

Inverse Universe

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



79.6221, 73.0958, 91.5747



76.7062, 68.0871, 88.0653



78.8963, 91.8122, 101.8297



18.5085, 18.1867, 21.2951



25.2329, 12.5825, 20.4089



2.5085, 1.2458, 2.2591

Previews

White Background



This preview shows how the XYZ color 79.6205, 73.0929, 91.5732 looks on a white background.

Color Contrast Check

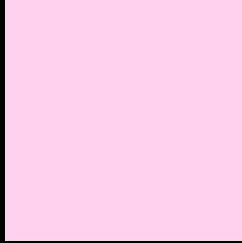
Large Text (above 18pt) WCAG AA × Fail

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 79.6205, 73.0929, 91.5732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

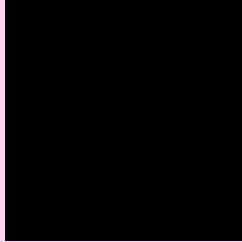
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6205, 73.0929, 91.5732

Background



This preview shows how black text looks on a background with the XYZ color 79.6205, 73.0929, 91.5732.



This preview shows how white text looks on a background with the XYZ color 79.6205, 73.0929,

91.5732.

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

79.6205, 73.0929, 91.5732

Protanopia

71.7044, 73.4268, 97.5823

Deuteranopia

74.9135, 73.2893, 91.0868



Tritanopia

77.6674, 73.0172, 82.6733

Trichromacy



Original Color

79.6205, 73.0929, 91.5732

Protanomaly

74.2692, 73.2526, 95.0188

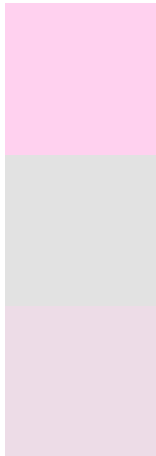
Deuteranomaly

76.5351, 72.9946, 90.9445

Tritanomaly

78.3434, 72.9335, 85.5497

Monochromacy



Original Color

79.6205, 73.0929, 91.5732

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.9421, 74.9604, 86.1202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6205, 73.0929, 91.5732 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.6205, 73.0929, 91.5732 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, 239) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6205, 73.0929, 91.5732 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, 239) }
```

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

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