

Converting Colors

XYZ(79.5382, 72.6714, 92.3377)

Have a look what the booklet for
XYZ(79.5382, 72.6714, 92.3377)
contains.

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Color

**XYZ(79.5241, 72.6630,
92.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0F0
RGB	255, 208, 240
RGB Percent	100%, 82%, 94%
CMY	0.0000, 0.1843, 0.0588
CMYK	0.00, 0.18, 0.06, 0.00
HSL	319°, 100%, 91%
HSV	319°, 18%, 100%
XYZ	79.5241, 72.6630, 92.2721
YIQ	225.7010, 17.7400, 19.9160

Conversions

Conversions Part 2

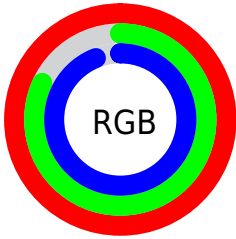
Format	Color
R _Y B	255, 208, 240
Decimal	16765168
CIE Lab	88.29, 21.64, -9.46
CIE LCh	88, 23.613, 336.386
Yxy	72.6630, 0.3253, 0.2972
Android (android.graphics.Color)	4294955248 (0xFFFFD0F0)
YUV	225.7010, 7.0494, 25.6952
Hunter-Lab	85.2426, 17.3508, -4.5095

Details

The XYZ color **79.5241, 72.6630, 92.2721** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.0939, 90.2587, 83.2789**, and the grayscale version is **72.0161, 75.7665, 82.5097**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3317, 38.2489, 50.4464** is the 20% darker color. If you saturate the color by 10%, you get **72.6177, 60.7418, 84.1388**, and if you desaturate by 10%, it is **87.4873, 86.6106, 101.0272**.

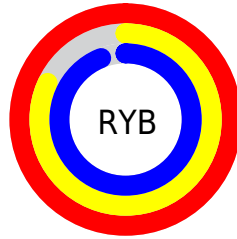
Distribution



Red (100%)

Green (82%)

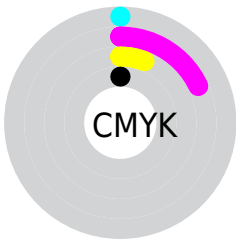
Blue (94%)



Red (100%)

Yellow (82%)

Blue (94%)

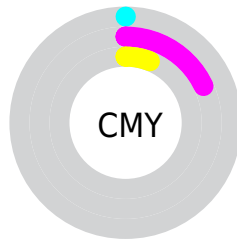


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5241, 72.6630, 92.2721 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 79.5241, 72.6630, 92.2721 by changing the saturation by 10% instead.


 79.5241, 72.6630,
92.2721

 79.5241, 72.6630,
92.2721


482.0886,
469.8460, 556.1542

 59.6339, 53.7004,
69.2824

131.6505,
122.9987, 152.4534

 43.3720, 38.3622,
50.4685


164.6174,
155.1406, 190.4821

 30.3729, 26.2639,
35.4120


202.6739,
192.4444, 234.3608

 20.2713, 17.0212,
23.6943

246.1855,
235.2945, 284.5081

 12.7018, 10.2496,
14.8969

295.5174,
284.0754, 341.3426

 7.2991, 5.5648,
8.6013

351.0349,

 3.6978, 2.5823,

339.1713, 405.2827

4.3888

413.1035,
400.9667, 476.7471

■ 1.5326, 0.9178,
1.8410

■ 0.3479, 0.0000,
0.4548

■ 79.5241, 72.6630,
92.2721

■ 79.5241, 72.6630,
92.2721

■ 72.6177, 60.7418,
84.1388

■ 87.4873, 86.6106,
101.0272

■ 66.7151, 50.7428,
76.6032

95.0500, 100.0000,
108.9000

■ 61.7656, 42.5653,
69.6458

■ 57.7119, 36.0962,
63.2440

■ 54.4905, 31.2095,
57.3730

■ 52.0292, 27.7620,
52.0048

■ 50.2424, 25.5839,
47.1071

■ 49.0108, 24.4379,
42.6362

■ 48.8424, 24.3010,
41.9639

Harmonies

Analogous

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



75.7238, 72.6630, 106.9575



79.5241, 72.6630, 92.2721



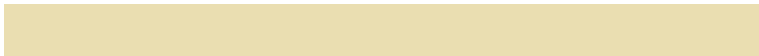
80.4547, 72.6630, 75.7012

Triad

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



79.5241, 72.6630, 92.2721



67.8605, 72.6630, 52.0076



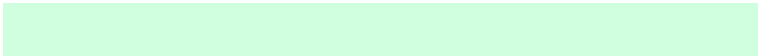
60.6674, 72.6630, 99.0864

Complementary

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



79.5241, 72.6630, 92.2721



75.0939, 90.2587, 83.2789

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.



58.8026, 72.6630, 82.6354



79.5241, 72.6630, 92.2721



62.8066, 72.6630, 56.5837

Square

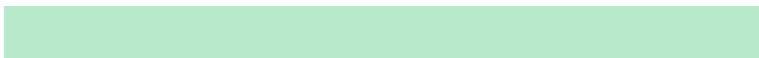
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5241, 72.6630, 92.2721



73.5162, 72.6630, 53.8562



59.5639, 72.6630, 67.2769



64.7953, 72.6630, 111.2523

Rectangle

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



79.5241, 72.6630, 92.2721



79.2799, 72.6630, 66.0579



59.5639, 72.6630, 67.2769



59.7657, 72.6630, 93.7944

Sweetspot

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



79.5257, 72.6659, 92.2736



89.5855, 90.3131, 103.2491



71.0040, 68.0046, 103.9916



19.0529, 19.1150, 21.9709



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.



79.5257, 72.6659, 92.2736



76.9404, 68.1808, 89.2987



76.2725, 71.3646, 75.1425



18.5315, 18.1959, 21.4160



25.5922, 12.7262, 22.3009



2.5416, 1.2590, 2.4336

Inverse Universe

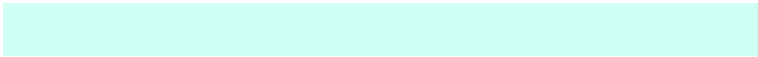
The Inverse Universe completely reimagines the original color for something new.



79.5257, 72.6659, 92.2736



76.9404, 68.1808, 89.2987



78.4677, 91.6082, 101.0449



18.5315, 18.1959, 21.4160



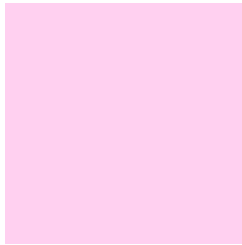
25.5922, 12.7262, 22.3009



2.5416, 1.2590, 2.4336

Previews

White Background



This preview shows how the XYZ color 79.5241, 72.6630, 92.2721 looks on a white background.

Color Contrast Check

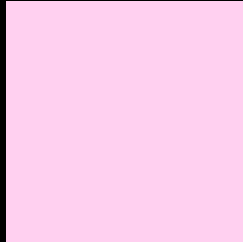
Large Text (above 18pt) WCAG AA × Fail

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 79.5241, 72.6630, 92.2721 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 79.5241, 72.6630, 92.2721

Background



This preview shows how black text looks on a background with the XYZ color 79.5241, 72.6630, 92.2721.



This preview shows how white text looks on a background with the XYZ color 79.5241, 72.6630,

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

79.5241, 72.6630, 92.2721

Protanopia

71.4499, 72.8691, 99.1063

Deuteranopia

74.4725, 72.6657, 91.7621



Tritanopia

77.4197, 72.5219, 82.5907

Trichromacy



Original Color

79.5241, 72.6630, 92.2721

Protanomaly

73.9923, 72.6932, 96.5176

Deuteranomaly

76.0856, 72.3736, 91.6207

Tritanomaly

78.2390, 72.4980, 86.2138

Monochromacy



Original Color

79.5241, 72.6630, 92.2721

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 79.5241, 72.6630, 92.2721 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.5241, 72.6630, 92.2721 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, 240) }
```


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

```
.border{ border-color:rgb(255, 208, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5241, 72.6630, 92.2721 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
208, 240) }
```

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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