

Converting Colors

XYZ(75.0305, 68.0694, 79.6299)

Have a look what the booklet for
XYZ(75.0305, 68.0694, 79.6299)
contains.

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Color

**XYZ(75.2142, 68.2259,
79.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC9E0
RGB	254, 201, 224
RGB Percent	100%, 79%, 88%
CMY	0.0039, 0.2117, 0.1216
CMYK	0.00, 0.21, 0.12, 0.00
HSL	334°, 96%, 89%
HSV	334°, 21%, 100%
XYZ	75.2142, 68.2259, 79.7257
YIQ	219.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

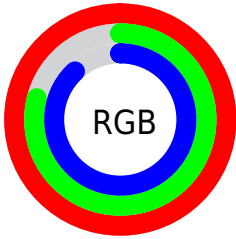
Format	Color
R_{YB}	254, 201, 224
Decimal	16697824
CIE Lab	86.12, 22.31, -4.20
CIE LCh	86, 22.699, 349.346
Yxy	68.2259, 0.3370, 0.3057
Android (android.graphics.Color)	4294887904 (0xFFFE09E0)
YUV	219.4690, 2.2338, 30.2837
Hunter-Lab	82.5990, 17.9930, 0.5917

Details

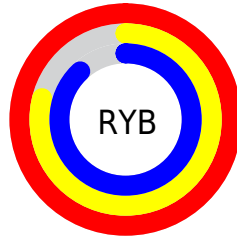
The XYZ color **75.2142, 68.2259, 79.7257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9557, 89.0724, 88.9002**, and the grayscale version is **67.6324, 71.1546, 77.4873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6211, 35.6023, 42.2671** is the 20% darker color. If you saturate the color by 10%, you get **67.9075, 56.6017, 68.0727**, and if you desaturate by 10%, it is **83.6688, 81.8802, 92.5765**.

Distribution



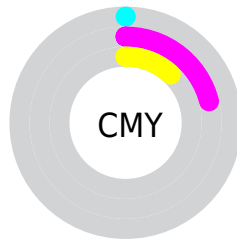
- Red (100%)
- Green (79%)
- Blue (88%)



- Red (100%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2142, 68.2259, 79.7257 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 75.2142, 68.2259, 79.7257 by changing the saturation by 10% instead.


 75.2142, 68.2259,
79.7257

 75.2142, 68.2259,
79.7257


467.6393,
454.2960, 513.6903

 56.0832, 50.0815,
58.9678


125.6018,
116.6753, 134.7879

 40.5069, 35.4782,
42.1674

157.5891,
147.7490, 169.9293

 28.1199, 24.0315,
28.9058


194.5926,
183.9014, 210.7024

 18.5570, 15.3570,
18.7646

236.9775,
225.5168, 257.5255

 11.4527, 9.0703,
11.3252

285.1093,
272.9795, 310.8174

 6.4417, 4.7871,
6.1691

339.3533,

 3.1587, 2.1229,

326.6740, 370.9964

2.8777

400.0748,
386.9847, 438.4812

■ 1.2382, 0.6774,
1.0326

■ 0.1362, 0.0000,
0.0000

■ 75.2142, 68.2259,
79.7257

■ 75.2142, 68.2259,
79.7257

■ 67.9075, 56.6017,
68.0727

■ 83.6688, 81.8802,
92.5765

■ 61.6906, 46.9006,
57.5759

■ 93.3141, 97.6466,
106.6564

■ 56.5091, 39.0198,
48.1970

■ 94.6834, 99.8110,
108.8828

■ 52.3015, 32.8428,
39.8937

■ 48.9989, 28.2399,
32.6206

■ 46.5232, 25.0619,
26.3277

■ 44.7811, 23.1309,
20.9588

■ 43.6996, 22.2015,
16.7954

Harmonies

Analogous

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



72.7595, 68.2259, 94.6210



75.2142, 68.2259, 79.7257



74.7806, 68.2259, 65.1689

Triad

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



75.2142, 68.2259, 79.7257



61.5796, 68.2259, 50.3409



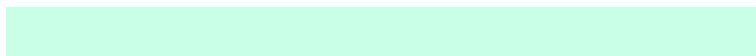
58.5279, 68.2259, 98.2857

Complementary

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



75.2142, 68.2259, 79.7257



73.9557, 89.0724, 88.9002

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.



55.8339, 68.2259, 84.2170



75.2142, 68.2259, 79.7257



57.5294, 68.2259, 57.0962

Square

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



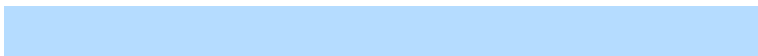
75.2142, 68.2259, 79.7257



66.7191, 68.2259, 49.4763



55.4785, 68.2259, 69.1003



63.0096, 68.2259, 106.2517

Rectangle

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



75.2142, 68.2259, 79.7257



72.9185, 68.2259, 57.5186



55.4785, 68.2259, 69.1003



57.3937, 68.2259, 94.0321

Sweetspot

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



75.2162, 68.2290, 79.7271



88.9985, 90.0783, 100.1579



71.4599, 65.7802, 102.6972



18.9141, 19.0595, 21.2401



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.



75.2162, 68.2290, 79.7271



72.7000, 63.7406, 75.4287



72.9278, 68.3106, 64.6036



18.3367, 18.1180, 20.3900



23.1096, 11.7331, 9.2276



2.3037, 1.1639, 1.1808

Inverse Universe

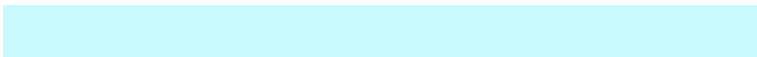
The Inverse Universe completely reimagines the original color for something new.



75.2162, 68.2290, 79.7271



72.7000, 63.7406, 75.4287



76.5855, 88.7881, 106.8681



18.3367, 18.1180, 20.3900



23.1096, 11.7331, 9.2276



2.3037, 1.1639, 1.1808

Previews

White Background



This preview shows how the XYZ color 75.2142, 68.2259, 79.7257 looks on a white background.

Color Contrast Check

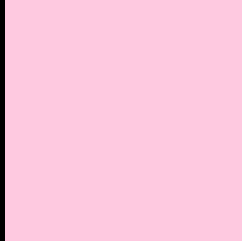
Large Text (above 18pt) WCAG AA × Fail

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 75.2142, 68.2259, 79.7257 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 75.2142, 68.2259, 79.7257

Background



This preview shows how black text looks on a background with the XYZ color 75.2142, 68.2259, 79.7257.



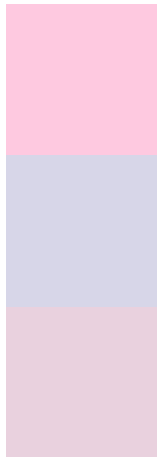
This preview shows how white text looks on a background with the XYZ color 75.2142, 68.2259,

79.7257.

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

75.2142, 68.2259, 79.7257

Protanopia

66.6364, 68.3664, 86.0279

Deuteranopia

69.5896, 68.1985, 78.6031



Tritanopia

74.2834, 68.1857, 75.5757

Trichromacy



Original Color

75.2142, 68.2259, 79.7257

Protanomaly

69.2564, 67.9161, 83.5876

Deuteranomaly

71.6662, 68.1711, 79.1932

Tritanomaly

74.5468, 68.2910, 76.9626

Monochromacy



Original Color

75.2142, 68.2259, 79.7257

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.8733, 69.4632, 78.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2142, 68.2259, 79.7257 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(254, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 224)  
}
```

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(254, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.2142, 68.2259, 79.7257 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(254, 201, 224) }
```


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

```
.border{ border-color:rgb(254, 201, 224) }
```

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

Here you see how a box with a 4 pixel rgb(254, 201, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2142, 68.2259, 79.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 224) }
```

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

```
.background{ background-color: rgb(254,  
201, 224) }
```

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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