

Converting Colors

XYZ(71.7832, 63.7200, 79.8989)

Have a look what the booklet for
XYZ(71.7832, 63.7200, 79.8989)
contains.

XYZ(71.7275, 63.7159, 79.7521)	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(71.7275, 63.7159,
79.7521)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C1E1
RGB	249, 193, 225
RGB Percent	98%, 76%, 88%
CMY	0.0235, 0.2431, 0.1176
CMYK	0.00, 0.22, 0.10, 0.02
HSL	326°, 82%, 87%
HSV	326°, 22%, 98%
XYZ	71.7275, 63.7159, 79.7521
YIQ	213.3920, 23.1040, 21.8240

Conversions

Conversions Part 2

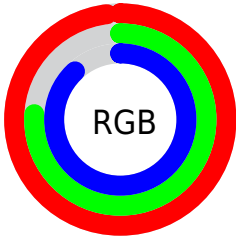
Format	Color
R _Y B	249, 193, 225
Decimal	16368097
CIE Lab	83.82, 24.97, -8.18
CIE LCh	84, 26.276, 341.851
Yxy	63.7159, 0.3333, 0.2961
Android (android.graphics.Color)	4294558177 (0xFFFF9C1E1)
YUV	213.3920, 5.7227, 31.2282
Hunter-Lab	79.8222, 20.7095, -3.3623

Details

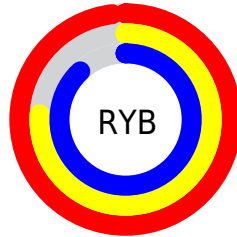
The XYZ color **71.7275, 63.7159, 79.7521** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3950, 84.1004, 78.2777**, and the grayscale version is **63.4618, 66.7668, 72.7090**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **38.2265, 32.5740, 42.3029** is the 20% darker color. If you saturate the color by 10%, you get **65.2691, 53.0561, 70.6396**, and if you desaturate by 10%, it is **79.2073, 76.2711, 89.6556**.

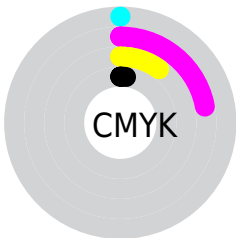
Distribution



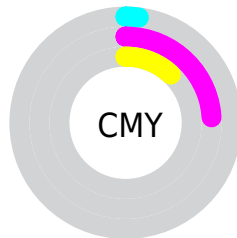
- Red (98%)
- Green (76%)
- Blue (88%)



- Red (98%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7275, 63.7159, 79.7521 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 71.7275, 63.7159, 79.7521 by changing the saturation by 10% instead.

 71.7275, 63.7159,
79.7521

 71.7275, 63.7159,
79.7521


455.7649,
438.1630, 513.7817

 53.2208, 46.4206,
58.9894


 120.6819,
110.2017, 134.8254

 38.2072, 32.5779,
42.1846

151.8603,
140.1610, 169.9731

 26.3215, 21.8033,
28.9192

187.9934,
175.1104, 210.7528

 17.1983, 13.7124,
18.7747

229.4463,
215.4343, 257.5832

 10.4721, 7.9209,
11.3324

276.5846,
261.5171, 310.8827

 5.7778, 4.0444,
6.1739

329.7736,

 2.7498, 1.6984,

313.7432, 371.0700

2.8806

389.3786,
372.4971, 438.5635

■ 1.0229, 0.4226,
1.0340

■ 0.0000, 0.0000,
0.0000

■ 71.7275, 63.7159,
79.7521

■ 71.7275, 63.7159,
79.7521

■ 65.2691, 53.0561,
70.6396

■ 79.2073, 76.2711,
89.6556

■ 59.7786, 44.1898,
62.2898

■ 87.7476, 90.8002,
100.3688

■ 55.2057, 37.0184,
54.6785

■ 92.8773, 98.8800,
108.7983

■ 51.4931, 31.4303,
47.7778

■ 48.5770, 27.3003,
41.5577

■ 46.3835, 24.4841,
35.9843

■ 44.8241, 22.8073,
31.0186

■ 43.9707, 22.1013,
27.6492

Harmonies

Analogous

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



68.2689, 63.7159, 95.8401



71.7275, 63.7159, 79.7521



72.0812, 63.7159, 63.0521

Triad

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



71.7275, 63.7159, 79.7521



58.3098, 63.7159, 42.6916



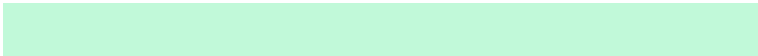
52.6654, 63.7159, 92.8107

Complementary

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



71.7275, 63.7159, 79.7521



68.3950, 84.1004, 78.2777

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.



50.3370, 63.7159, 76.1087



71.7275, 63.7159, 79.7521



53.4546, 63.7159, 48.2955

Square

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



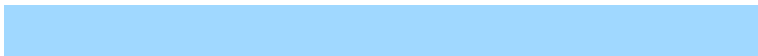
71.7275, 63.7159, 79.7521



64.0824, 63.7159, 43.3486



50.6164, 63.7159, 59.9409



57.1692, 63.7159, 104.1651

Rectangle

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



71.7275, 63.7159, 79.7521



70.4824, 63.7159, 53.9213



50.6164, 63.7159, 59.9409



51.6156, 63.7159, 87.5326

Sweetspot

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



71.7294, 63.7188, 79.7534



88.4101, 88.6523, 100.7305



64.5889, 59.6325, 97.7295



18.8065, 18.7764, 21.4140



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.



71.7294, 63.7188, 79.7534



72.4882, 61.9041, 79.7136



68.2938, 62.3445, 61.6622



17.6603, 17.3915, 20.0667



23.6092, 11.8594, 15.1825



2.2397, 1.1196, 1.6858

Inverse Universe

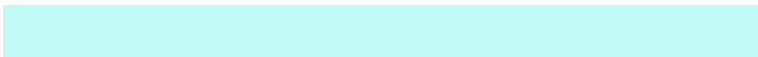
The Inverse Universe completely reimagines the original color for something new.



71.7294, 63.7188, 79.7534



72.4882, 61.9041, 79.7136



72.2499, 85.6423, 98.5774



17.6603, 17.3915, 20.0667



23.6092, 11.8594, 15.1825



2.2397, 1.1196, 1.6858

Previews

White Background



This preview shows how the XYZ color 71.7275, 63.7159, 79.7521 looks on a white background.

Color Contrast Check

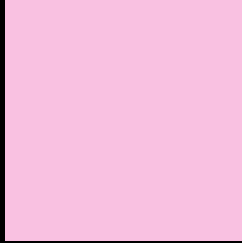
Large Text (above 18pt) WCAG AA × Fail

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 71.7275, 63.7159, 79.7521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

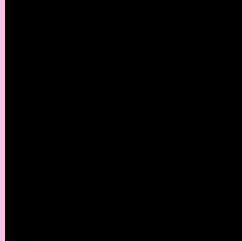
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7275, 63.7159, 79.7521

Background



This preview shows how black text looks on a background with the XYZ color 71.7275, 63.7159, 79.7521.



This preview shows how white text looks on a background with the XYZ color 71.7275, 63.7159,

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

71.7275, 63.7159, 79.7521

Protanopia

62.8608, 64.1741, 86.9156

Deuteranopia

65.1066, 63.7276, 78.6812



Tritanopia

69.6308, 63.5075, 70.2163

Trichromacy



Original Color

71.7275, 63.7159, 79.7521

Protanomaly

65.9039, 64.0110, 84.4831

Deuteranomaly

67.1567, 63.3845, 79.2159

Tritanomaly

70.3979, 63.4979, 73.5117

Monochromacy



Original Color

71.7275, 63.7159, 79.7521

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.9597, 65.3211, 74.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7275, 63.7159, 79.7521 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(249, 193, 225)` looks like.

```
.text, #text, p{  
    color:rgb(249, 193, 225)  
}
```

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(249, 193, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 193, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.7275, 63.7159, 79.7521 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(249, 193, 225) }
```


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

```
.border{ border-color:rgb(249, 193, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 193, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 193, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 193, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 193,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7275, 63.7159, 79.7521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 193, 225) }
```

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

```
.background{ background-color: rgb(249,  
193, 225) }
```

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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