

Converting Colors

XYZ(76.8323, 74.1641, 93.7443)

Have a look what the booklet for
XYZ(76.8323, 74.1641, 93.7443)
contains.

XYZ(76.7087, 74.1634, 93.4911)	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(76.7087, 74.1634,
93.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D8F1
RGB	241, 216, 241
RGB Percent	95%, 85%, 95%
CMY	0.0549, 0.1529, 0.0549
CMYK	0.00, 0.10, 0.00, 0.05
HSL	300°, 47%, 90%
HSV	300°, 10%, 95%
XYZ	76.7087, 74.1634, 93.4911
YIQ	226.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

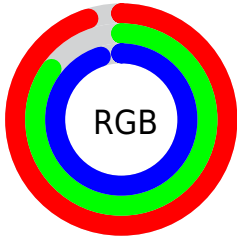
Format	Color
R _Y B	241, 216, 241
Decimal	15849713
CIE Lab	89.00, 12.94, -9.06
CIE LCh	89, 15.793, 324.995
Yxy	74.1634, 0.3139, 0.3035
Android (android.graphics.Color)	4294039793 (0xFFFF1D8F1)
YUV	226.3250, 7.2348, 12.8700
Hunter-Lab	86.1182, 8.2899, -4.0833

Details

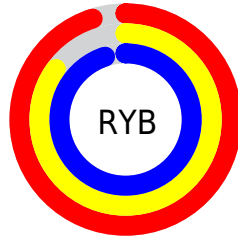
The XYZ color **76.7087, 74.1634, 93.4911** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1717, 82.4695, 77.0840**, and the grayscale version is **72.4715, 76.2457, 83.0316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5094, 39.3068, 51.2981** is the 20% darker color. If you saturate the color by 10%, you get **70.9824, 62.7098, 91.5831**, and if you desaturate by 10%, it is **83.3448, 87.4345, 95.7041**.

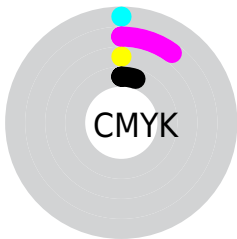
Distribution



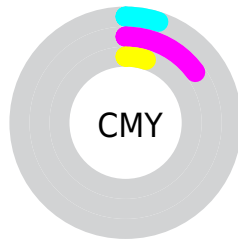
- Red (95%)
- Green (85%)
- Blue (95%)



- Red (95%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7087, 74.1634, 93.4911 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 76.7087, 74.1634, 93.4911 by changing the saturation by 10% instead.

76.7087, 74.1634,
93.4911

76.7087, 74.1634,
93.4911

472.6774,
475.0371, 560.1835

57.3129, 54.9278,
70.2898

127.7032,
125.1274, 154.1559

41.4976, 39.3439,
51.2846

160.0327,
157.6246, 192.4566

28.8975, 27.0274,
36.0568

197.4041,
195.3111, 236.6274

19.1472, 17.5938,
24.1881

240.1827,
238.5713, 287.0870

11.8813, 10.6587,
15.2597

288.7341,
287.7896, 344.2538

6.7345, 5.8379,
8.8532

343.4234,

3.3415, 2.7467,

343.3504, 408.5465

4.5501

404.6161,
405.6381, 480.3836

■ 1.3368, 1.0010,
1.9317

■ 0.2105, 0.0000,
0.5128

■ 76.7087, 74.1634,
93.4911

■ 76.7087, 74.1634,
93.4911

■ 70.9824, 62.7098,
91.5831

■ 83.3448, 87.4345,
95.7041

■ 66.1202, 52.9854,
89.9623

■ 87.9136, 96.5720,
97.2272

■ 62.0822, 44.9093,
88.6161

■ 87.9136, 96.5720,
97.2273

■ 58.8225, 38.3901,
87.5295

■ 87.9137, 96.5721,
97.2274

56.2913, 33.3276,
86.6856

87.9137, 96.5721,
97.2276

54.4325, 29.6101,
86.0659

87.9137, 96.5721,
97.2277

53.1821, 27.1094,
85.6490

87.9137, 96.5721,
97.2278

52.4639, 25.6729,
85.4094

87.9138, 96.5721,
97.2280

52.1534, 25.0519,
85.3058

87.9138, 96.5721,
97.2281

Harmonies

Analogous

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



73.6542, 74.1634, 101.4596



76.7087, 74.1634, 93.4911



78.0995, 74.1634, 82.6091

Triad

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



76.7087, 74.1634, 93.4911



71.1358, 74.1634, 61.4753



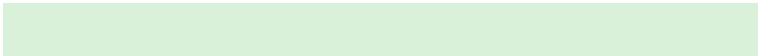
64.0114, 74.1634, 90.0141

Complementary

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



76.7087, 74.1634, 93.4911



72.1717, 82.4695, 77.0840

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.



63.3917, 74.1634, 78.9216



76.7087, 74.1634, 93.4911



67.4179, 74.1634, 63.0719

Square

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



76.7087, 74.1634, 93.4911



74.8084, 74.1634, 64.6486



64.6170, 74.1634, 69.2249



66.3413, 74.1634, 99.3279

Rectangle

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



76.7087, 74.1634, 93.4911



77.8608, 74.1634, 75.4060



64.6170, 74.1634, 69.2249



63.5998, 74.1634, 86.3435

Sweetspot

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



76.7109, 74.1666, 93.4927



92.6579, 95.2158, 108.1026



68.7553, 70.0653, 93.1205



19.6992, 20.1134, 23.0939



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.



76.7109, 74.1666, 93.4927



86.0533, 82.0066, 105.9009



74.9071, 73.4451, 83.9942



16.4543, 16.0314, 19.9487



28.2812, 13.5849, 46.2588



2.3527, 1.1301, 3.8483

Inverse Universe

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



76.7109, 74.1666, 93.4927



86.0533, 82.0066, 105.9009



73.8499, 83.1408, 85.9213



16.4543, 16.0314, 19.9487



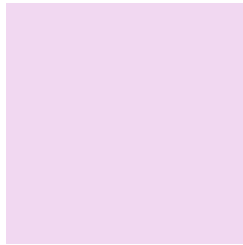
28.2812, 13.5849, 46.2588



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 76.7087, 74.1634, 93.4911 looks on a white background.

Color Contrast Check

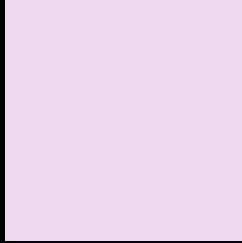
Large Text (above 18pt) WCAG AA × Fail

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 76.7087, 74.1634, 93.4911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

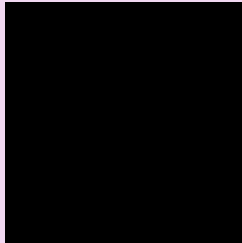
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7087, 74.1634, 93.4911

Background



This preview shows how black text looks on a background with the XYZ color 76.7087, 74.1634, 93.4911.



This preview shows how white text looks on a background with the XYZ color 76.7087, 74.1634,

93.4911.

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

76.7087, 74.1634, 93.4911

Protanopia

72.4215, 74.2073, 96.8926

Deuteranopia

75.9499, 74.1537, 93.5292



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

76.7087, 74.1634, 93.4911

Protanomaly

73.9172, 74.2120, 96.0164

Deuteranomaly

76.2866, 74.3273, 93.5450

Tritanomaly

76.0341, 74.2654, 90.4480

Monochromacy



Original Color

76.7087, 74.1634, 93.4911

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5001, 75.0010, 86.2041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7087, 74.1634, 93.4911 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(241, 216, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 216, 241)  
}
```

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(241, 216, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 241) }
```

Border

The CSS property to change the border of an element to XYZ 76.7087, 74.1634, 93.4911 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(241, 216, 241) }
```


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

```
.border{ border-color:rgb(241, 216, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 216, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 216, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 216, 241); box-shadow:4px 4px 4px 4px rgb(241, 216, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7087, 74.1634, 93.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 216, 241) }
```

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

```
.background{ background-color: rgb(241,  
216, 241) }
```

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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