

Converting Colors

XYZ(75.1103, 64.3392, 88.7710)

Have a look what the booklet for
XYZ(75.1103, 64.3392, 88.7710)
contains.

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Color

**XYZ(74.9395, 64.2013,
88.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEED
RGB	255, 190, 237
RGB Percent	100%, 75%, 93%
CMY	0.0000, 0.2549, 0.0706
CMYK	0.00, 0.25, 0.07, 0.00
HSL	317°, 100%, 87%
HSV	317°, 25%, 100%
XYZ	74.9395, 64.2013, 88.5631
YIQ	214.7930, 23.6530, 28.3970

Conversions

Conversions Part 2

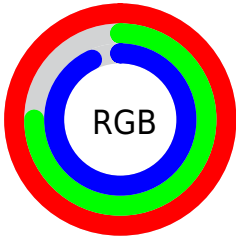
Format	Color
R _Y B	255, 190, 237
Decimal	16760557
CIE Lab	84.07, 30.58, -14.16
CIE LCh	84, 33.694, 335.154
Yxy	64.2013, 0.3291, 0.2820
Android (android.graphics.Color)	4294950637 (0xFFFFBEED)
YUV	214.7930, 10.9481, 35.2615
Hunter-Lab	80.1257, 26.7264, -9.4453

Details

The XYZ color **74.9395, 64.2013, 88.5631** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3824, 87.0222, 72.8703**, and the grayscale version is **64.3698, 67.7220, 73.7493**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **40.4334, 32.9503, 47.9450** is the 20% darker color. If you saturate the color by 10%, you get **68.8806, 53.7021, 81.5535**, and if you desaturate by 10%, it is **82.0081, 76.6544, 96.1115**.

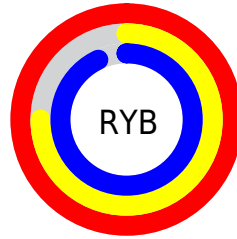
Distribution



Red (100%)

Green (75%)

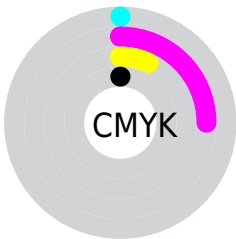
Blue (93%)



Red (100%)

Yellow (75%)

Blue (93%)

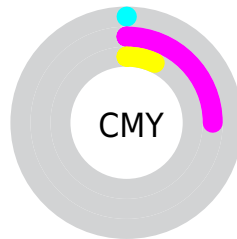


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9395, 64.2013, 88.5631 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 74.9395, 64.2013, 88.5631 by changing the saturation by 10% instead.


 74.9395, 64.2013,
88.5631

 74.9395, 64.2013,
88.5631

466.7100,
439.9162, 543.7945

 55.8573, 46.8137,
66.2225


 125.2151,
110.9008, 147.2589

 40.3251, 32.8884,
47.9954

157.1392,
140.9815, 184.4512

 27.9774, 22.0410,
33.4633


194.0747,
176.0621, 227.4311

 18.4490, 13.8870,
22.2076

236.3869,
216.5268, 276.6172

 11.3745, 8.0421,
13.8097

284.4412,
262.7603, 332.4281

 6.3884, 4.1219,
7.8512

338.6029,

 3.1256, 1.7420,

315.1467, 395.2823

3.9135

399.2374,
374.0705, 465.5982

■ 1.2205, 0.4506,
1.5780

■ 0.1225, 0.0000,
0.2751

■ 74.9395, 64.2013,
88.5631

■ 74.9395, 64.2013,
88.5631

■ 68.8806, 53.7021,
81.5535

■ 82.0081, 76.6544,
96.1115

■ 63.7763, 45.0480,
75.0594

■ 90.1293, 91.1469,
104.2126

■ 59.5726, 38.1318,
69.0615

95.0500, 100.0000,
108.9000

■ 56.2084, 32.8317,
63.5369

■ 53.6146, 29.0102,
58.4602

■ 51.7104, 26.5069,
53.8021

■ 50.3963, 25.1234,
49.5269

■ 49.9319, 24.7368,
47.7011

Harmonies

Analogous

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



69.6310, 64.2013, 109.0199



74.9395, 64.2013, 88.5631



76.4005, 64.2013, 66.2893

Triad

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



74.9395, 64.2013, 88.5631



59.7457, 64.2013, 36.5345



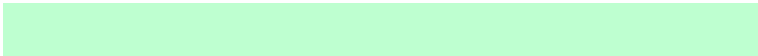
50.0604, 64.2013, 96.2359

Complementary

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



74.9395, 64.2013, 88.5631



68.3824, 87.0222, 72.8703

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.



47.8584, 64.2013, 73.6484



74.9395, 64.2013, 88.5631



53.1525, 64.2013, 41.4816

Square

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



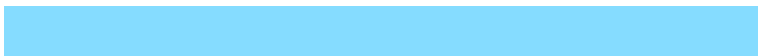
74.9395, 64.2013, 88.5631



67.2294, 64.2013, 38.9374



48.9430, 64.2013, 54.0696



55.2079, 64.2013, 114.0430

Rectangle

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



74.9395, 64.2013, 88.5631



74.9022, 64.2013, 53.9014



48.9430, 64.2013, 54.0696



48.9711, 64.2013, 88.7972

Sweetspot

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



74.9409, 64.2039, 88.5644



87.9876, 87.3093, 102.1245



62.2913, 57.3635, 102.3969



18.5655, 18.2095, 21.5948



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.



74.9409, 64.2039, 88.5644



71.4790, 58.1805, 84.6348



70.6948, 62.5055, 66.2047



18.5655, 18.2095, 21.5948



26.1571, 12.9521, 25.2753



2.5932, 1.2796, 2.7050

Inverse Universe

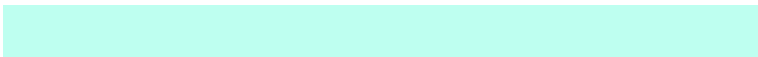
The Inverse Universe completely reimagines the original color for something new.



74.9409, 64.2039, 88.5644



71.4790, 58.1805, 84.6348



72.7003, 88.7493, 95.6080



18.5655, 18.2095, 21.5948



26.1571, 12.9521, 25.2753



2.5932, 1.2796, 2.7050

Previews

White Background



This preview shows how the XYZ color 74.9395, 64.2013, 88.5631 looks on a white background.

Color Contrast Check

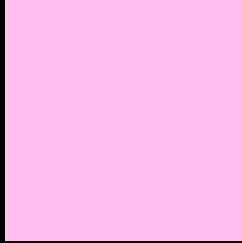
Large Text (above 18pt) WCAG AA × Fail

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 74.9395, 64.2013, 88.5631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

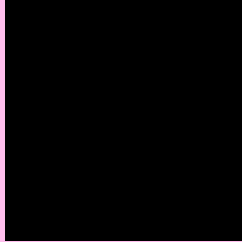
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9395, 64.2013, 88.5631

Background



This preview shows how black text looks on a background with the XYZ color 74.9395, 64.2013, 88.5631.



This preview shows how white text looks on a background with the XYZ color 74.9395, 64.2013,

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

74.9395, 64.2013, 88.5631

Protanopia

64.0119, 64.5079, 98.7000

Deuteranopia

65.6576, 64.1863, 86.7706



Tritanopia

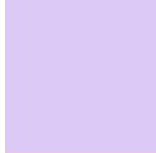
70.9316, 64.1926, 69.6247

Trichromacy



Original Color

74.9395, 64.2013, 88.5631



Protanomaly

67.1869, 63.7380, 95.1477



Deuteranomaly

68.6975, 64.0008, 87.3299



Tritanomaly

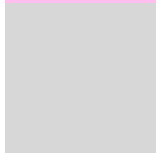
72.1331, 64.0027, 76.2621

Monochromacy



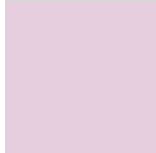
Original Color

74.9395, 64.2013, 88.5631



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

68.0237, 66.2933, 79.0227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9395, 64.2013, 88.5631 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, 190, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 237)  
}
```

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, 190, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.9395, 64.2013, 88.5631 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, 190, 237) }
```


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

```
.border{ border-color:rgb(255, 190, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9395, 64.2013, 88.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 237) }
```

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

```
.background{ background-color: rgb(255,  
190, 237) }
```

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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