

Converting Colors

XYZ(146.8973, 100.0000,
93.5815)

Have a look what the booklet for
XYZ(146.8973, 100.0000, 93.5815)
contains.

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Color

**XYZ(74.3789, 62.6098,
89.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAEF
RGB	255, 186, 239
RGB Percent	100%, 73%, 94%
CMY	0.0000, 0.2706, 0.0627
CMYK	0.00, 0.27, 0.06, 0.00
HSL	314°, 100%, 86%
HSV	314°, 27%, 100%
XYZ	74.3789, 62.6098, 89.8261
YIQ	212.6730, 24.1110, 31.1110

Conversions

Conversions Part 2

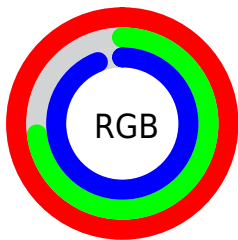
Format	Color
R _Y B	255, 186, 239
Decimal	16759535
CIE Lab	83.24, 33.01, -16.48
CIE LCh	83, 36.899, 333.475
Yxy	62.6098, 0.3279, 0.2760
Android (android.graphics.Color)	4294949615 (0xFFFFBAEF)
YUV	212.6730, 12.9792, 37.1208
Hunter-Lab	79.1264, 29.3192, -11.9190

Details

The XYZ color **74.3789, 62.6098, 89.8261** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.6723, 86.2243, 69.0090**, and the grayscale version is **62.9337, 66.2111, 72.1039**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **39.8245, 31.7917, 48.8372** is the 20% darker color. If you saturate the color by 10%, you get **68.6193, 52.4656, 83.6670**, and if you desaturate by 10%, it is **81.1285, 74.6876, 96.4578**.

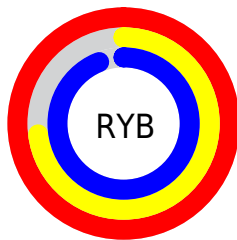
Distribution



Red (100%)

Green (73%)

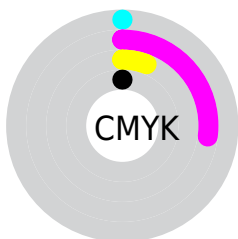
Blue (94%)



Red (100%)

Yellow (73%)

Blue (94%)

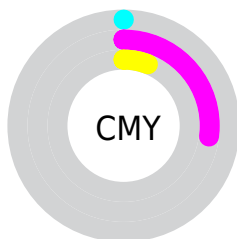


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3789, 62.6098, 89.8261 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 74.3789, 62.6098, 89.8261 by changing the saturation by 10% instead.


 74.3789, 62.6098,
89.8261

 74.3789, 62.6098,
89.8261


464.8102,
434.1520, 548.0205

 55.3966, 45.5256,
67.2635


 124.4254,
108.6064, 149.0302

 39.9544, 31.8716,
48.8359


156.2203,
138.2876, 186.5088

 27.6871, 21.2635,
34.1246


193.0168,
172.9365, 229.7966

 18.2291, 13.3167,
22.7112

235.1802,
212.9377, 279.3119

 11.2153, 7.6470,
14.1771

283.0759,
258.6754, 335.4735

 6.2802, 3.8699,
8.1038

337.0692,

 3.0585, 1.6011,

310.5341, 398.6997

4.0727

397.5255,
368.8982, 469.4092

■ 1.1848, 0.3583,
1.6653

■ 0.0943, 0.0000,
0.3368

■ 74.3789, 62.6098,
89.8261

■ 74.3789, 62.6098,
89.8261

■ 68.6193, 52.4656,
83.6670

■ 81.1285, 74.6876,
96.4578

■ 63.7941, 44.1453,
77.9583

■ 88.9113, 88.7859,
103.5755

■ 59.8488, 37.5399,
72.6812

95.0500, 100.0000,
108.9000

■ 56.7214, 32.5258,
67.8138

■ 54.3413, 28.9624,
63.3310

■ 52.6259, 26.6848,
59.2039

■ 51.4695, 25.4822,
55.3960

■ 51.1889, 25.2396,
54.3201

Harmonies

Analogous

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



68.4137, 62.6098, 111.9754



74.3789, 62.6098, 89.8261



76.2423, 62.6098, 65.5327

Triad

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



74.3789, 62.6098, 89.8261



58.5801, 62.6098, 32.9440



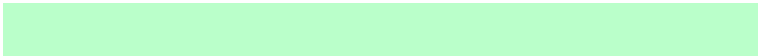
47.5651, 62.6098, 95.5074

Complementary

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



74.3789, 62.6098, 89.8261



66.6723, 86.2243, 69.0090

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.



45.4224, 62.6098, 70.8800



74.3789, 62.6098, 89.8261



51.4121, 62.6098, 37.6032

Square

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



74.3789, 62.6098, 89.8261



66.6546, 62.6098, 35.8335



46.7656, 62.6098, 50.3108



52.8927, 62.6098, 115.7387

Rectangle

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



74.3789, 62.6098, 89.8261



74.7815, 62.6098, 52.0681



46.7656, 62.6098, 50.3108



46.4713, 62.6098, 87.2934

Sweetspot

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



74.3803, 62.6123, 89.8274



88.1316, 87.3669, 102.8827



59.6853, 54.7515, 102.0301



18.6019, 18.2241, 21.7866



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.



74.3803, 62.6123, 89.8274



71.4121, 57.3614, 86.7244



69.8866, 60.8149, 66.1640



18.6019, 18.2241, 21.7866



26.8075, 13.2123, 28.7007



2.6518, 1.3031, 3.0139

Inverse Universe

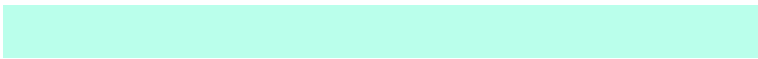
The Inverse Universe completely reimagines the original color for something new.



74.3803, 62.6123, 89.8274



71.4121, 57.3614, 86.7244



71.0719, 87.9841, 92.1766



18.6019, 18.2241, 21.7866



26.8075, 13.2123, 28.7007



2.6518, 1.3031, 3.0139

Previews

White Background



This preview shows how the XYZ color 74.3789, 62.6098, 89.8261 looks on a white background.

Color Contrast Check

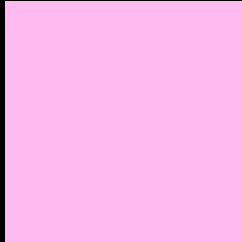
Large Text (above 18pt) WCAG AA × Fail

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 74.3789, 62.6098, 89.8261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

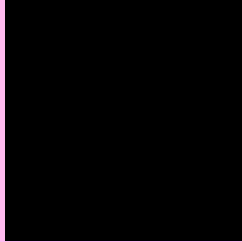
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3789, 62.6098, 89.8261

Background



This preview shows how black text looks on a background with the XYZ color 74.3789, 62.6098, 89.8261.



This preview shows how white text looks on a background with the XYZ color 74.3789, 62.6098,

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

74.3789, 62.6098, 89.8261

Protanopia

62.6680, 63.0412, 100.9607

Deuteranopia

64.2852, 62.7443, 88.0795



Tritanopia

69.8958, 62.7135, 67.4525

Trichromacy



Original Color

74.3789, 62.6098, 89.8261



Protanomaly

66.1254, 62.4677, 96.5680



Deuteranomaly

67.6591, 62.4173, 88.6025



Tritanomaly

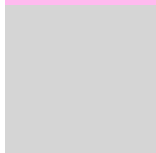
71.3445, 62.6368, 75.3477

Monochromacy



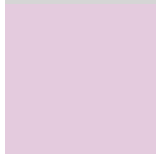
Original Color

74.3789, 62.6098, 89.8261



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.5357, 64.4798, 78.0463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3789, 62.6098, 89.8261 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, 186, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 239)  
}
```

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, 186, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.3789, 62.6098, 89.8261 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, 186, 239) }
```


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

```
.border{ border-color:rgb(255, 186, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 239); box-shadow:4px 4px 4px 4px rgb(255, 186, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3789, 62.6098, 89.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 239) }
```

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

```
.background{ background-color: rgb(255,  
186, 239) }
```

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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