

Converting Colors

XYZ(147.1035, 100.0000,
92.1355)

Have a look what the booklet for
XYZ(147.1035, 100.0000, 92.1355)
contains.

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Color

**XYZ(74.2315, 62.5509,
89.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAEE
RGB	255, 186, 238
RGB Percent	100%, 73%, 93%
CMY	0.0000, 0.2706, 0.0667
CMYK	0.00, 0.27, 0.07, 0.00
HSL	315°, 100%, 86%
HSV	315°, 27%, 100%
XYZ	74.2315, 62.5509, 89.0500
YIQ	212.5590, 24.4320, 30.8000

Conversions

Conversions Part 2

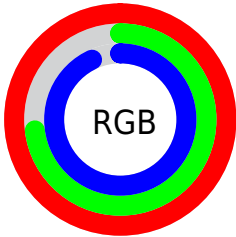
Format	Color
R _Y B	255, 186, 238
Decimal	16759534
CIE Lab	83.21, 32.84, -15.99
CIE LCh	83, 36.530, 334.041
Yxy	62.5509, 0.3287, 0.2770
Android (android.graphics.Color)	4294949614 (0xFFFFBAEE)
YUV	212.5590, 12.5424, 37.2208
Hunter-Lab	79.0891, 29.1306, -11.3949

Details

The XYZ color **74.2315, 62.5509, 89.0500** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.7913, 86.2719, 69.6349**, and the grayscale version is **62.8604, 66.1341, 72.0200**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **39.7207, 31.7502, 48.2909** is the 20% darker color. If you saturate the color by 10%, you get **68.4242, 52.3876, 82.6398**, and if you desaturate by 10%, it is **81.0325, 74.6493, 95.9520**.

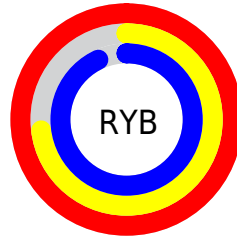
Distribution



Red (100%)

Green (73%)

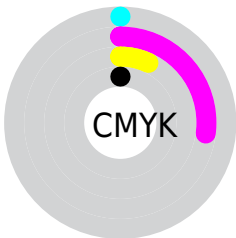
Blue (93%)



Red (100%)

Yellow (73%)

Blue (93%)

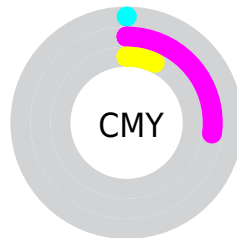


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2315, 62.5509, 89.0500 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 74.2315, 62.5509, 89.0500 by changing the saturation by 10% instead.


 74.2315, 62.5509,
89.0500

 74.2315, 62.5509,
89.0500


464.3099,
433.9378, 545.4258

 55.2755, 45.4780,
66.6237


 124.2177,
108.5213, 147.9421

 39.8570, 31.8341,
48.3192

155.9785,
138.1877, 185.2449

 27.6108, 21.2348,
33.7180


192.7384,
172.8206, 228.3437

 18.1714, 13.2957,
22.4014

234.8626,
212.8045, 277.6570

 11.1736, 7.6325,
13.9510

282.7165,
258.5237, 333.6033

 6.2519, 3.8607,
7.9482

336.6654,

 3.0409, 1.5960,

310.3628, 396.6012

3.9745

397.0748,
368.7060, 467.0692

■ 1.1754, 0.3549,
1.6114

■ 0.0869, 0.0000,
0.2989

■ 74.2315, 62.5509,
89.0500

■ 74.2315, 62.5509,
89.0500

■ 68.4242, 52.3876,
82.6398

■ 81.0325, 74.6493,
95.9520

■ 63.5549, 44.0497,
76.6988

■ 88.8703, 88.7696,
103.3593

■ 59.5691, 37.4281,
71.2081

95.0500, 100.0000,
108.9000

■ 56.4045, 32.3991,
66.1452

■ 53.9908, 28.8222,
61.4849

■ 52.2450, 26.5324,
57.1981

■ 51.0615, 25.3190,
53.2476

■ 50.7736, 25.0734,
52.1330

Harmonies

Analogous

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



68.3965, 62.5509, 111.0435



74.2315, 62.5509, 89.0500



75.9837, 62.5509, 65.0783

Triad

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



74.2315, 62.5509, 89.0500



58.3855, 62.5509, 33.1934



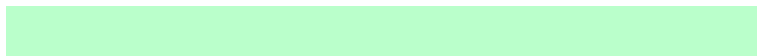
47.6996, 62.5509, 95.5715

Complementary

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



74.2315, 62.5509, 89.0500



66.7913, 86.2719, 69.6349

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.



45.5122, 62.5509, 71.2288



74.2315, 62.5509, 89.0500



51.3248, 62.5509, 37.9696

Square

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



74.2315, 62.5509, 89.0500



66.3749, 62.5509, 35.9245



46.7785, 62.5509, 50.7360



53.0294, 62.5509, 115.3579

Rectangle

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



74.2315, 62.5509, 89.0500



74.4818, 62.5509, 51.8319



46.7785, 62.5509, 50.7360



46.5950, 62.5509, 87.4762

Sweetspot

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



74.2330, 62.5535, 89.0513



88.0851, 87.3483, 102.6383



59.9956, 54.9115, 102.0446



18.5901, 18.2194, 21.7248



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.



74.2330, 62.5535, 89.0513



71.2406, 57.2929, 85.8217



69.7479, 60.7594, 65.4330



18.5901, 18.2194, 21.7248



26.5927, 13.1264, 27.5695



2.6325, 1.2954, 2.9123

Inverse Universe

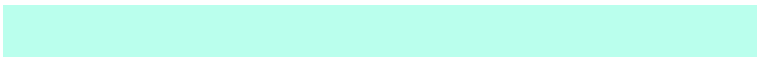
The Inverse Universe completely reimagines the original color for something new.



74.2330, 62.5535, 89.0513



71.2406, 57.2929, 85.8217



71.2391, 88.0510, 93.0568



18.5901, 18.2194, 21.7248



26.5927, 13.1264, 27.5695



2.6325, 1.2954, 2.9123

Previews

White Background



This preview shows how the XYZ color 74.2315, 62.5509, 89.0500 looks on a white background.

Color Contrast Check

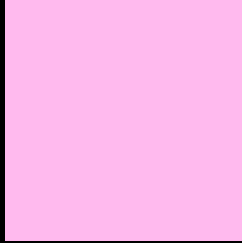
Large Text (above 18pt) WCAG AA × Fail

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 74.2315, 62.5509, 89.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

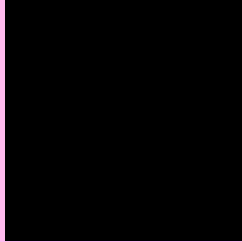
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2315, 62.5509, 89.0500

Background



This preview shows how black text looks on a background with the XYZ color 74.2315, 62.5509, 89.0500.



This preview shows how white text looks on a background with the XYZ color 74.2315, 62.5509,

89.0500.

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

74.2315, 62.5509, 89.0500

Protanopia

62.7726, 63.1134, 100.1404

Deuteranopia

64.1403, 62.6863, 87.3164



Tritanopia

69.7739, 62.6647, 66.8105

Trichromacy



Original Color

74.2315, 62.5509, 89.0500



Protanomaly

66.2714, 62.5607, 95.7713



Deuteranomaly

67.5134, 62.3590, 87.8350



Tritanomaly

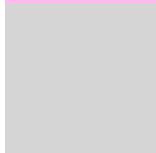
71.2132, 62.5843, 74.6563

Monochromacy



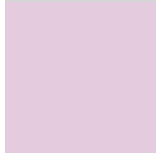
Original Color

74.2315, 62.5509, 89.0500



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 74.2315, 62.5509, 89.0500 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.2315, 62.5509, 89.0500 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, 238) }
```


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

```
.border{ border-color:rgb(255, 186, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2315, 62.5509, 89.0500 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
186, 238) }
```

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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