

Converting Colors

XYZ(87.7579, 69.5073, 95.5899)

Have a look what the booklet for
XYZ(87.7579, 69.5073, 95.5899)
contains.

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Color

**XYZ(75.4335, 63.0316,
95.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF6
RGB	255, 186, 246
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2706, 0.0353
CMYK	0.00, 0.27, 0.04, 0.00
HSL	308°, 100%, 86%
HSV	308°, 27%, 100%
XYZ	75.4335, 63.0316, 95.3793
YIQ	213.4710, 21.8640, 33.2880

Conversions

Conversions Part 2

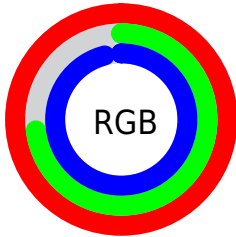
Format	Color
R _Y B	255, 186, 246
Decimal	16759542
CIE Lab	83.46, 34.22, -19.88
CIE LCh	83, 39.581, 329.844
Yxy	63.0316, 0.3226, 0.2695
Android (android.graphics.Color)	4294949622 (0xFFFFBAF6)
YUV	213.4710, 16.0368, 36.4209
Hunter-Lab	79.3924, 30.6622, -15.6542

Details

The XYZ color **75.4335, 63.0316, 95.3793** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.8619, 85.9001, 64.7415**, and the grayscale version is **63.4481, 66.7524, 72.6933**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **40.5715, 32.0906, 52.7709** is the 20% darker color. If you saturate the color by 10%, you get **70.0273, 53.0287, 91.0818**, and if you desaturate by 10%, it is **81.8100, 74.9601, 100.0471**.

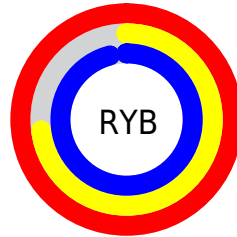
Distribution



Red (100%)

Green (73%)

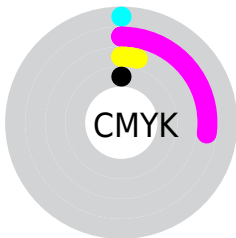
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

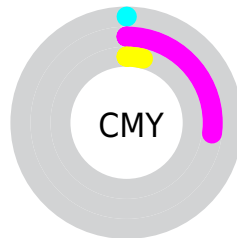


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4335, 63.0316, 95.3793 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 75.4335, 63.0316, 95.3793 by changing the saturation by 10% instead.


 75.4335, 63.0316,
95.3793

 75.4335, 63.0316,
95.3793

468.3805,
435.6842, 566.3939

 56.2635, 45.8668,
71.8521


 125.9104,
109.2151, 156.7886

 40.6521, 32.1407,
52.5518


157.9481,
139.0026, 195.5078

 28.2338, 21.4690,
37.0598


195.0057,
173.7664, 240.1280

 18.6433, 13.4672,
24.9576

237.4487,
213.8909, 291.0678

 11.5153, 7.7511,
15.8268

285.6423,
259.7605, 348.7458

 6.4844, 3.9361,
9.2486

339.9518,

 3.1852, 1.6379,

311.7597, 413.5804

4.8047

400.7428,
370.2728, 485.9903

■ 1.2525, 0.3829,
2.0764

■ 0.1472, 0.0000,
0.6017

■ 75.4335, 63.0316,
95.3793

■ 75.4335, 63.0316,
95.3793

■ 70.0273, 53.0287,
91.0818

■ 81.8100, 74.9601,
100.0471

■ 65.5364, 44.8422,
87.1333

■ 89.2002, 88.9014,
105.0973

■ 61.9064, 38.3630,
83.5165

95.0500, 100.0000,
108.9000

■ 59.0755, 33.4674,
80.2105

■ 56.9735, 30.0153,
77.1916

■ 55.5177, 27.8415,
74.4320

■ 54.6029, 26.7355,
71.8964

■ 54.3900, 26.5200,
71.1772

Harmonies

Analogous

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



68.5526, 63.0316, 118.6548



75.4335, 63.0316, 95.3793



78.0825, 63.0316, 68.7601

Triad

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



75.4335, 63.0316, 95.3793



59.9548, 63.0316, 31.2328



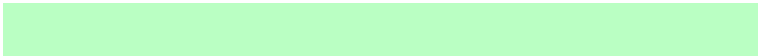
46.6384, 63.0316, 95.1007

Complementary

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



75.4335, 63.0316, 95.3793



65.8619, 85.9001, 64.7415

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.



44.8009, 63.0316, 68.5015



75.4335, 63.0316, 95.3793



52.0255, 63.0316, 35.1118

Square

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



75.4335, 63.0316, 95.3793



68.6382, 63.0316, 35.1946



46.6766, 63.0316, 47.4184



51.9544, 63.0316, 118.4687

Rectangle

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



75.4335, 63.0316, 95.3793



76.9128, 63.0316, 53.7294



46.6766, 63.0316, 47.4184



45.6175, 63.0316, 86.0601

Sweetspot

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



75.4348, 63.0341, 95.3806



88.4584, 87.4977, 104.6040



57.8723, 53.8168, 101.9452



18.6847, 18.2572, 22.2228



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.



75.4348, 63.0341, 95.3806



72.6438, 57.8541, 93.2106



70.7411, 61.1566, 70.6636



18.6847, 18.2572, 22.2228



28.4598, 13.8732, 37.4012



2.7982, 1.3617, 3.7847

Inverse Universe

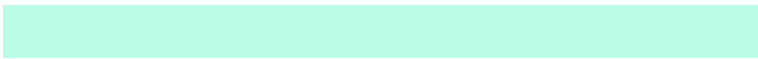
The Inverse Universe completely reimagines the original color for something new.



75.4348, 63.0341, 95.3806



72.6438, 57.8541, 93.2106



70.0915, 87.5920, 87.0140



18.6847, 18.2572, 22.2228



28.4598, 13.8732, 37.4012



2.7982, 1.3617, 3.7847

Previews

White Background



This preview shows how the XYZ color 75.4335, 63.0316, 95.3793 looks on a white background.

Color Contrast Check

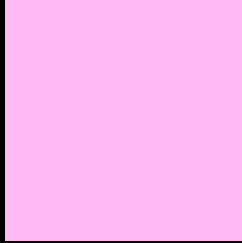
Large Text (above 18pt) WCAG AA × Fail

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 75.4335, 63.0316, 95.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

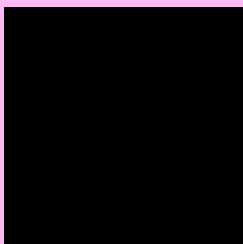
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4335, 63.0316, 95.3793

Background



This preview shows how black text looks on a background with the XYZ color 75.4335, 63.0316, 95.3793.



This preview shows how white text looks on a background with the XYZ color 75.4335, 63.0316,

95.3793.

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

75.4335, 63.0316, 95.3793

Protanopia

63.1473, 63.2329, 103.4847

Deuteranopia

64.6850, 63.1800, 93.5797



Tritanopia

69.8795, 63.0180, 68.1551

Trichromacy



Original Color

75.4335, 63.0316, 95.3793



Protanomaly

66.9076, 62.7805, 100.6869



Deuteranomaly

68.2903, 62.9581, 94.1408



Tritanomaly

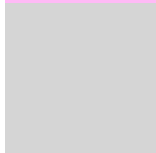
71.7432, 62.7963, 77.4469

Monochromacy



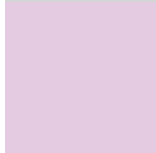
Original Color

75.4335, 63.0316, 95.3793



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.9415, 64.6421, 80.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4335, 63.0316, 95.3793 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.4335, 63.0316, 95.3793 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, 246) }
```


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

```
.border{ border-color:rgb(255, 186, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 186, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 186, 246); box-shadow:4px 4px 4px 4px rgb(255, 186, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4335, 63.0316, 95.3793 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, 246) }
```

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

```
.background{ background-color: rgb(255,  
186, 246) }
```

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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