

Converting Colors

XYZ(75.4392, 63.2011, 99.4261)

Have a look what the booklet for
XYZ(75.4392, 63.2011, 99.4261)
contains.

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Color

**XYZ(75.3278, 63.2011,
99.4956)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBBFB
RGB	252, 187, 251
RGB Percent	99%, 73%, 98%
CMY	0.0118, 0.2666, 0.0157
CMYK	0.00, 0.26, 0.00, 0.01
HSL	301°, 92%, 86%
HSV	301°, 26%, 99%
XYZ	75.3278, 63.2011, 99.4956
YIQ	213.7310, 18.1960, 33.6840

Conversions

Conversions Part 2

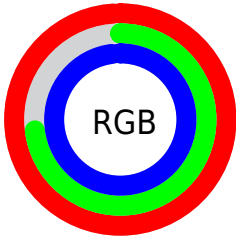
Format	Color
R _Y B	252, 187, 251
Decimal	16563195
CIE _{Lab}	83.55, 33.62, -22.44
CIE _{LCh}	84, 40.426, 326.276
Y _{xy}	63.2011, 0.3165, 0.2655
Android (android.graphics.Color)	4294753275 (0xFFFCBBFB)
YUV	213.7310, 18.3736, 33.5619
Hunter-Lab	79.4991, 30.0106, -18.5539

Details

The XYZ color **75.3278, 63.2011, 99.4956** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.3836, 83.8185, 60.3656**, and the grayscale version is **63.6093, 66.9220, 72.8780**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **40.6308, 32.2722, 55.1266** is the 20% darker color. If you saturate the color by 10%, you get **70.3832, 53.4086, 97.5467**, and if you desaturate by 10%, it is **81.2144, 74.8752, 101.7606**.

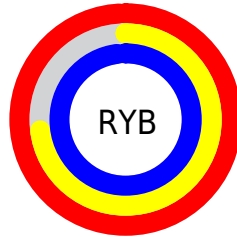
Distribution



Red (99%)

Green (73%)

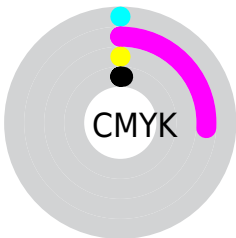
Blue (98%)



Red (99%)

Yellow (73%)

Blue (98%)

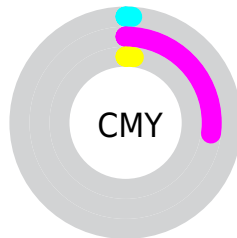


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (27%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3278, 63.2011, 99.4956 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 75.3278, 63.2011, 99.4956 by changing the saturation by 10% instead.


 75.3278, 63.2011,
99.4956

 75.3278, 63.2011,
99.4956


468.0233,
436.2990, 579.8072

 56.1766, 46.0039,
75.2648


 125.7617,
109.4596, 162.5097

 40.5821, 32.2489,
55.3268

157.7751,
139.2897, 202.1301

 28.1789, 21.5517,
39.2631

194.8066,
174.0995, 247.7174

 18.6017, 13.5279,
26.6551

237.2216,
214.2735, 299.6902

 11.4851, 7.7930,
17.0842

285.3854,
260.1961, 358.4670

 6.4638, 3.9628,
10.1319

339.6634,

 3.1724, 1.6528,

312.2516, 424.4665

5.3798

400.4209,
370.8244, 498.1070

■ 1.2456, 0.3928,
2.4092

■ 0.1419, 0.0000,
0.7914

■ 75.3278, 63.2011,
99.4956

■ 75.3278, 63.2011,
99.4956

■ 70.3832, 53.4086,
97.5467

■ 81.2144, 74.8752,
101.7606

■ 66.3258, 45.3913,
95.8934

■ 88.0827, 88.5136,
104.3527

■ 63.1040, 39.0452,
94.5192

■ 93.5024, 99.2545,
106.4625

■ 60.6587, 34.2517,
93.4045

■ 93.5640, 99.2792,
106.7870

■ 58.9229, 30.8771,
92.5270

■ 93.6257, 99.3038,
107.1121

■ 57.8184, 28.7649,
91.8605

■ 93.6876, 99.3286,
107.4379

■ 57.2483, 27.7212,
91.3727

■ 93.7496, 99.3534,
107.7643

■ 57.1077, 27.4807,
91.2007

■ 93.8117, 99.3782,
108.0914

■ 93.8739, 99.4031,
108.4192

Harmonies

Analogous

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



67.9051, 63.2011, 122.2730



75.3278, 63.2011, 99.4956



78.6564, 63.2011, 72.0217

Triad

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



75.3278, 63.2011, 99.4956



61.1802, 63.2011, 30.8036



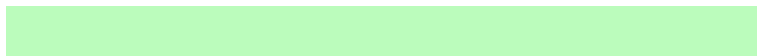
46.0965, 63.2011, 92.6646

Complementary

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



75.3278, 63.2011, 99.4956



64.3836, 83.8185, 60.3656

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.



44.6709, 63.2011, 65.7054



75.3278, 63.2011, 99.4956



52.8634, 63.2011, 33.7744

Square

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



75.3278, 63.2011, 99.4956



69.9987, 63.2011, 35.7776



47.0269, 63.2011, 45.1953



51.1289, 63.2011, 117.6986

Rectangle

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



75.3278, 63.2011, 99.4956



77.8873, 63.2011, 56.0668



47.0269, 63.2011, 45.1953



45.2022, 63.2011, 83.3631

Sweetspot

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



75.3298, 63.2039, 99.4970



88.8334, 87.6477, 106.5786



55.8373, 53.1369, 99.4104



18.7799, 18.2953, 22.7241



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.



75.3298, 63.2039, 99.4970



74.6102, 59.4329, 101.1232



70.7696, 61.3798, 75.4835



17.9809, 17.5197, 21.7549



29.7531, 14.3169, 47.5355



2.7592, 1.3274, 4.4216

Inverse Universe

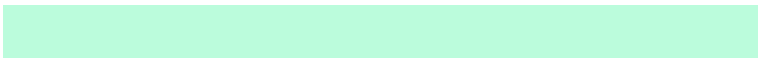
The Inverse Universe completely reimagines the original color for something new.



75.3298, 63.2039, 99.4970



74.6102, 59.4329, 101.1232



68.1584, 85.3284, 80.2437



17.9809, 17.5197, 21.7549



29.7531, 14.3169, 47.5355



2.7592, 1.3274, 4.4216

Previews

White Background



This preview shows how the XYZ color 75.3278, 63.2011, 99.4956 looks on a white background.

Color Contrast Check

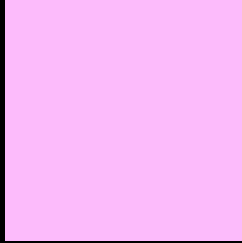
Large Text (above 18pt) WCAG AA × Fail

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 75.3278, 63.2011, 99.4956 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 75.3278, 63.2011, 99.4956

Background



This preview shows how black text looks on a background with the XYZ color 75.3278, 63.2011, 99.4956.



This preview shows how white text looks on a background with the XYZ color 75.3278, 63.2011,

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

75.3278, 63.2011, 99.4956

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

65.1145, 63.6647, 97.6635



Tritanopia

69.1540, 63.2762, 69.5415

Trichromacy



Original Color

75.3278, 63.2011, 99.4956



Protanomaly

67.1589, 63.2160, 102.4282



Deuteranomaly

68.3443, 63.2353, 98.2260



Tritanomaly

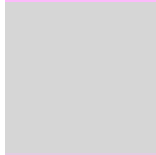
71.1516, 63.0920, 79.6620

Monochromacy



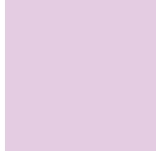
Original Color

75.3278, 63.2011, 99.4956



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.4529, 65.2258, 81.7077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3278, 63.2011, 99.4956 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(252, 187, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 187, 251)  
}
```

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(252, 187, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 187, 251) }
```

Border

The CSS property to change the border of an element to XYZ 75.3278, 63.2011, 99.4956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

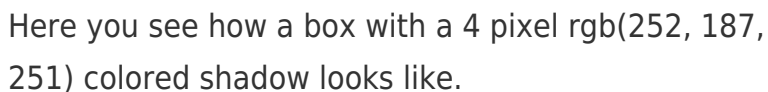
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 187, 251) }
```


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

```
.border{ border-color:rgb(252, 187, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 187, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 187, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 187, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 187,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3278, 63.2011, 99.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 187, 251) }
```

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

```
.background{ background-color: rgb(252,  
187, 251) }
```

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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