

Converting Colors

XYZ(75.9464, 63.2874, 97.9245)

Have a look what the booklet for
XYZ(75.9464, 63.2874, 97.9245)
contains.

XYZ(75.8978, 63.2174, 97.8245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.8978, 63.2174,
97.8245)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF9
RGB	255, 186, 249
RGB Percent	100%, 73%, 98%
CMY	0.0000, 0.2706, 0.0235
CMYK	0.00, 0.27, 0.02, 0.00
HSL	305°, 100%, 86%
HSV	305°, 27%, 100%
XYZ	75.8978, 63.2174, 97.8245
YIQ	213.8130, 20.9010, 34.2210

Conversions

Conversions Part 2

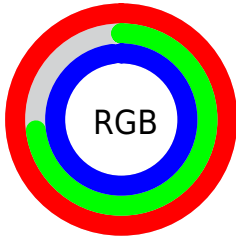
Format	Color
R _Y B	255, 186, 249
Decimal	16759545
CIE Lab	83.56, 34.75, -21.34
CIE LCh	84, 40.778, 328.451
Yxy	63.2174, 0.3203, 0.2668
Android (android.graphics.Color)	4294949625 (0xFFFFBAF9)
YUV	213.8130, 17.3472, 36.1210
Hunter-Lab	79.5094, 31.2506, -17.2910

Details

The XYZ color **75.8978, 63.2174, 97.8245** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.5261, 85.7658, 62.9728**, and the grayscale version is **63.6695, 66.9853, 72.9470**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **40.7916, 32.1786, 53.9303** is the 20% darker color. If you saturate the color by 10%, you get **70.6539, 53.2794, 94.3811**, and if you desaturate by 10%, it is **82.1072, 75.0791, 101.6115**.

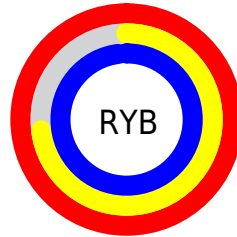
Distribution



Red (100%)

Green (73%)

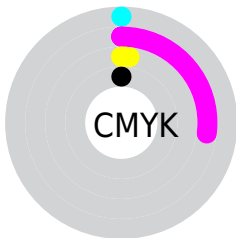
Blue (98%)



Red (100%)

Yellow (73%)

Blue (98%)

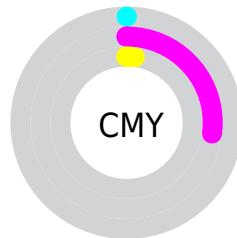


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8978, 63.2174, 97.8245 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 75.8978, 63.2174, 97.8245 by changing the saturation by 10% instead.

 75.8978, 63.2174,
97.8245

 75.8978, 63.2174,
97.8245


469.9475,
436.3580, 574.3820

 56.6455, 46.0171,
73.8782


 126.5636,
109.4831, 160.1900

 40.9597, 32.2593,
54.1982


158.7077,
139.3173, 199.4463

 28.4751, 21.5596,
38.3659


195.8798,
174.1316, 244.6431

 18.8264, 13.5337,
25.9627

238.4453,
214.3103, 296.1988

 11.6482, 7.7971,
16.5703

286.7694,
260.2379, 354.5320

 6.5751, 3.9654,
9.7699

341.2176,

 3.2418, 1.6542,

312.2988, 420.0612

5.1430

402.1552,
370.8774, 493.2051

■ 1.2829, 0.3937,
2.2712

■ 0.1703, 0.0000,
0.7150

■ 75.8978, 63.2174,
97.8245

■ 75.8978, 63.2174,
97.8245

■ 70.6539, 53.2794,
94.3811

■ 82.1072, 75.0791,
101.6115

■ 66.3202, 45.1557,
91.2604

■ 89.3250, 88.9514,
105.7540

■ 62.8424, 38.7374,
88.4449

95.0500, 100.0000,
108.9000

■ 60.1587, 33.9007,
85.9141

■ 58.1989, 30.5054,
83.6445

■ 56.8805, 28.3866,
81.6084

■ 56.0983, 27.3337,
79.7708

■ 55.9235, 27.1334,
79.2522

Harmonies

Analogous

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



68.6217, 63.2174, 121.6025



75.8978, 63.2174, 97.8245



78.8875, 63.2174, 70.1681

Triad

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



75.8978, 63.2174, 97.8245



60.5506, 63.2174, 30.5175



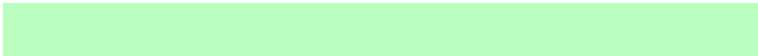
46.2488, 63.2174, 94.9488

Complementary

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



75.8978, 63.2174, 97.8245



65.5261, 85.7658, 62.9728

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.



44.5381, 63.2174, 67.5150



75.8978, 63.2174, 97.8245



52.2896, 63.2174, 34.0824

Square

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



75.8978, 63.2174, 97.8245



69.5020, 63.2174, 34.9194



46.6389, 63.2174, 46.2229



51.5618, 63.2174, 119.6742

Rectangle

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



75.8978, 63.2174, 97.8245



77.8439, 63.2174, 54.4451



46.6389, 63.2174, 46.2229



45.2580, 63.2174, 85.5556

Sweetspot

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



75.8992, 63.2199, 97.8258



88.5996, 87.5541, 105.3476



57.2865, 53.5148, 101.9178



18.7205, 18.2715, 22.4114



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.



75.8992, 63.2199, 97.8258



73.1889, 58.0722, 96.0814



71.0342, 61.2739, 72.2071



18.7205, 18.2715, 22.4114



29.2495, 14.1891, 41.5599



2.8671, 1.3892, 4.1477

Inverse Universe

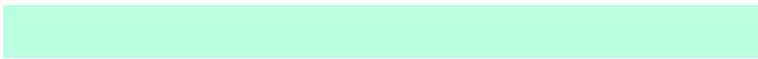
The Inverse Universe completely reimagines the original color for something new.



75.8992, 63.2199, 97.8258



73.1889, 58.0722, 96.0814



69.7733, 87.4647, 85.3382



18.7205, 18.2715, 22.4114



29.2495, 14.1891, 41.5599



2.8671, 1.3892, 4.1477

Previews

White Background



This preview shows how the XYZ color 75.8978, 63.2174, 97.8245 looks on a white background.

Color Contrast Check

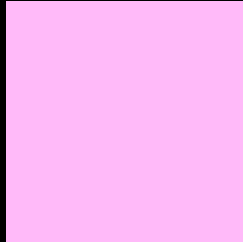
Large Text (above 18pt) WCAG AA × Fail

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 75.8978, 63.2174, 97.8245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

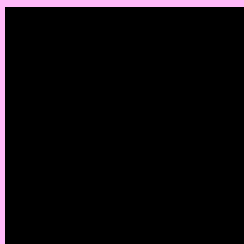
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8978, 63.2174, 97.8245

Background



This preview shows how black text looks on a background with the XYZ color 75.8978, 63.2174, 97.8245.



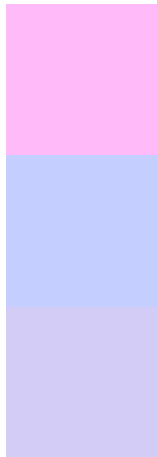
This preview shows how white text looks on a background with the XYZ color 75.8978, 63.2174,

97.8245.

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

75.8978, 63.2174, 97.8245

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

65.0914, 63.6884, 96.0512



Tritanopia

70.1013, 63.4616, 68.2291

Trichromacy



Original Color

75.8978, 63.2174, 97.8245



Protanomaly

67.0665, 62.8441, 101.5238



Deuteranomaly

68.4333, 62.9788, 96.5450



Tritanomaly

72.0950, 63.2848, 78.2274

Monochromacy



Original Color

75.8978, 63.2174, 97.8245



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.7711, 65.3898, 81.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8978, 63.2174, 97.8245 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.8978, 63.2174, 97.8245 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, 249) }
```


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

```
.border{ border-color:rgb(255, 186, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8978, 63.2174, 97.8245 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
186, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor