

Converting Colors

XYZ(76.4241, 64.3466, 97.7635)

Have a look what the booklet for
XYZ(76.4241, 64.3466, 97.7635)
contains.

XYZ(76.5365, 64.4947, 98.0374)	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(76.5365, 64.4947,
98.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDF9
RGB	255, 189, 249
RGB Percent	100%, 74%, 98%
CMY	0.0000, 0.2588, 0.0235
CMYK	0.00, 0.26, 0.02, 0.00
HSL	305°, 100%, 87%
HSV	305°, 26%, 100%
XYZ	76.5365, 64.4947, 98.0374
YIQ	215.5740, 20.0760, 32.6520

Conversions

Conversions Part 2

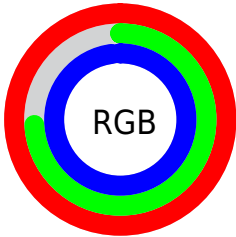
Format	Color
R _Y B	255, 189, 249
Decimal	16760313
CIE _{Lab}	84.22, 33.18, -20.33
CIE _{LCh}	84, 38.910, 328.504
Y _{xy}	64.4947, 0.3201, 0.2698
Android (android.graphics.Color)	4294950393 (0xFFFFBDF9)
Y _{UV}	215.5740, 16.4790, 34.5766
Hunter-Lab	80.3086, 29.5758, -16.1628

Details

The XYZ color **76.5365, 64.4947, 98.0374** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5985, 86.2799, 64.7759**, and the grayscale version is **64.8639, 68.2419, 74.3154**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **41.4671, 33.1395, 54.0802** is the 20% darker color. If you saturate the color by 10%, you get **71.1668, 54.3302, 94.4755**, and if you desaturate by 10%, it is **82.8777, 76.5946, 101.9469**.

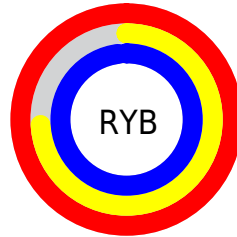
Distribution



Red (100%)

Green (74%)

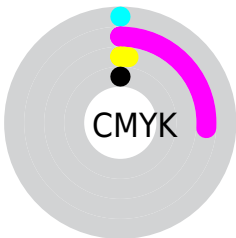
Blue (98%)



Red (100%)

Yellow (74%)

Blue (98%)

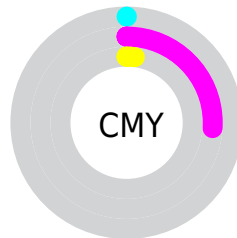


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5365, 64.4947, 98.0374 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 76.5365, 64.4947, 98.0374 by changing the saturation by 10% instead.


 76.5365, 64.4947,
98.0374

 76.5365, 64.4947,
98.0374


472.0985,
440.9739, 575.0747

 57.1711, 47.0515,
74.0548


 127.4613,
111.3231, 160.4858

 41.3833, 33.0763,
54.3418


159.7515,
141.4770, 199.7886

 28.8077, 22.1849,
38.4800


197.0806,
176.6366, 245.0353

 19.0790, 13.9929,
26.0507

239.8141,
217.1863, 296.6443

 11.8317, 8.1157,
16.6355

288.3173,
263.5105, 355.0342

 6.7006, 4.1691,
9.8157

342.9555,

 3.3202, 1.7686,

315.9936, 420.6235

5.1729

404.0941,
375.0199, 493.8309

■ 1.3253, 0.4675,
2.2886

■ 0.2020, 0.0000,
0.7248

■ 76.5365, 64.4947,
98.0374

■ 76.5365, 64.4947,
98.0374

■ 71.1668, 54.3302,
94.4755

■ 82.8777, 76.5946,
101.9469

■ 66.7140, 45.9924,
91.2403

■ 90.2330, 90.7160,
106.2156

■ 63.1243, 39.3739,
88.3147

95.0500, 100.0000,
108.9000

■ 60.3367, 34.3525,
85.6782

■ 58.2822, 30.7902,
83.3078

■ 56.8800, 28.5257,
81.1764

■ 56.0300, 27.3585,
79.2506

■ 55.7801, 27.0760,
78.4969

Harmonies

Analogous

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



69.5496, 64.4947, 120.7052



76.5365, 64.4947, 98.0374



79.3943, 64.4947, 71.4697

Triad

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



76.5365, 64.4947, 98.0374



61.7338, 64.4947, 32.6755



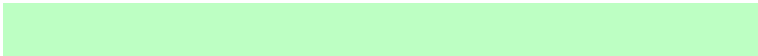
47.8658, 64.4947, 95.3819

Complementary

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



76.5365, 64.4947, 98.0374



66.5985, 86.2799, 64.7759

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.



46.1881, 64.4947, 68.9924



76.5365, 64.4947, 98.0374



53.7305, 64.4947, 36.2409

Square

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



76.5365, 64.4947, 98.0374



70.3676, 64.4947, 37.0437



48.2335, 64.4947, 48.2413



53.0474, 64.4947, 118.9365

Rectangle

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



76.5365, 64.4947, 98.0374



78.3879, 64.4947, 56.2187



48.2335, 64.4947, 48.2413



46.8960, 64.4947, 86.3806

Sweetspot

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



76.5379, 64.4972, 98.0387



88.5868, 87.5490, 105.2798



58.6268, 55.1539, 102.1635



18.7173, 18.2702, 22.3942



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.



76.5379, 64.4972, 98.0387



73.6700, 59.0569, 96.1724



71.8987, 62.6415, 73.6090



18.7173, 18.2702, 22.3942



29.1757, 14.1596, 41.1711



2.8607, 1.3867, 4.1139

Inverse Universe

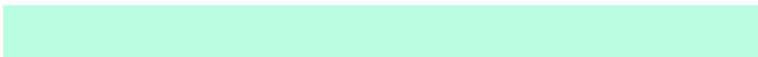
The Inverse Universe completely reimagines the original color for something new.



76.5379, 64.4972, 98.0387



73.6700, 59.0569, 96.1724



70.6822, 87.9134, 86.2807



18.7173, 18.2702, 22.3942



29.1757, 14.1596, 41.1711



2.8607, 1.3867, 4.1139

Previews

White Background



This preview shows how the XYZ color 76.5365, 64.4947, 98.0374 looks on a white background.

Color Contrast Check

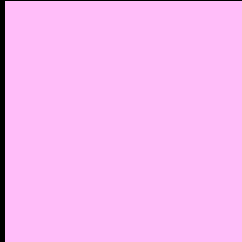
Large Text (above 18pt) WCAG AA × Fail

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 76.5365, 64.4947, 98.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

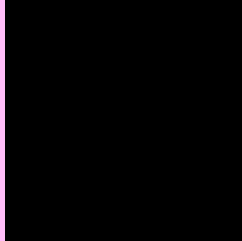
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5365, 64.4947, 98.0374

Background



This preview shows how black text looks on a background with the XYZ color 76.5365, 64.4947, 98.0374.



This preview shows how white text looks on a background with the XYZ color 76.5365, 64.4947,

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

76.5365, 64.4947, 98.0374

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.1974, 64.6126, 96.1713



Tritanopia

70.9221, 64.5070, 70.3411

Trichromacy



Original Color

76.5365, 64.4947, 98.0374



Protanomaly

68.3654, 64.5486, 101.7844



Deuteranomaly

69.5250, 64.2203, 96.7271



Tritanomaly

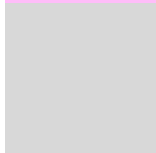
72.8055, 64.2716, 79.8026

Monochromacy



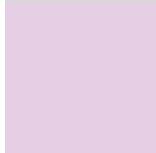
Original Color

76.5365, 64.4947, 98.0374



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.7080, 66.5670, 82.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5365, 64.4947, 98.0374 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, 189, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 249) }
```

Border

The CSS property to change the border of an element to XYZ 76.5365, 64.4947, 98.0374 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, 189, 249) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5365, 64.4947, 98.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 249) }
```

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

```
.background{ background-color: rgb(255,  
189, 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](#).

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