

Converting Colors

XYZ(74.4667, 61.0052, 95.3438)

Have a look what the booklet for
XYZ(74.4667, 61.0052, 95.3438)
contains.

XYZ(74.3984, 60.9616, 95.0343)	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(74.3984, 60.9616,
95.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F6
RGB	255, 181, 246
RGB Percent	100%, 71%, 96%
CMY	0.0000, 0.2902, 0.0353
CMYK	0.00, 0.29, 0.04, 0.00
HSL	307°, 100%, 85%
HSV	307°, 29%, 100%
XYZ	74.3984, 60.9616, 95.0343
YIQ	210.5360, 23.2390, 35.9030

Conversions

Conversions Part 2

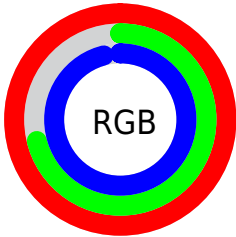
Format	Color
R _Y B	255, 181, 246
Decimal	16758262
CIE _{Lab}	82.36, 36.84, -21.55
CIE _{LCh}	82, 42.682, 329.675
Yxy	60.9616, 0.3229, 0.2646
Android (android.graphics.Color)	4294948342 (0xFFFFB5F6)
YUV	210.5360, 17.4838, 38.9949
Hunter-Lab	78.0779, 33.4516, -17.5116

Details

The XYZ color **74.3984, 60.9616, 95.0343** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.1123, 85.0624, 61.7576**, and the grayscale version is **61.4901, 64.6924, 70.4500**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **39.9096, 30.7668, 52.5503** is the 20% darker color. If you saturate the color by 10%, you get **69.2083, 51.3365, 90.9760**, and if you desaturate by 10%, it is **80.5482, 72.4926, 99.4533**.

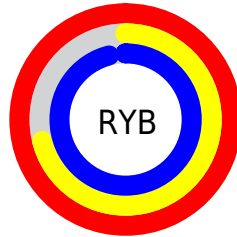
Distribution



Red (100%)

Green (71%)

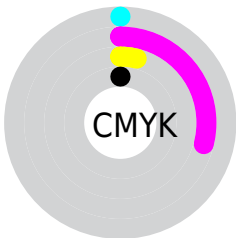
Blue (96%)



Red (100%)

Yellow (71%)

Blue (96%)

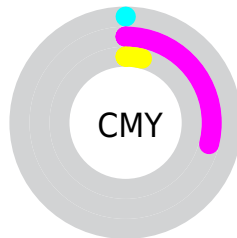


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3984, 60.9616, 95.0343 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 74.3984, 60.9616, 95.0343 by changing the saturation by 10% instead.

 74.3984, 60.9616,
95.0343

 74.3984, 60.9616,
95.0343


464.8763,
428.1332, 565.2619

 55.4126, 44.1942,
71.5665


 124.4529,
106.2233, 156.3080

 39.9673, 30.8232,
52.3199

156.2523,
135.4864, 194.9509

 27.6972, 20.4643,
36.8762


193.0536,
169.6836, 239.4893

 18.2368, 12.7330,
24.8166

235.2222,
209.1991, 290.3417

 11.2208, 7.2449,
15.7227

283.1234,
254.4174, 347.9266

 6.2840, 3.6157,
9.1759

337.1226,

 3.0608, 1.4610,

305.7229, 412.6626

4.7577

397.5851,
363.5001, 484.9682

■ 1.1860, 0.2611,
2.0496

■ 0.0953, 0.0000,
0.5855

■ 74.3984, 60.9616,
95.0343

■ 74.3984, 60.9616,
95.0343

■ 69.2083, 51.3365,
90.9760

■ 80.5482, 72.4926,
99.4533

■ 64.9217, 43.5062,
87.2571

■ 87.7013, 86.0178,
104.2454

■ 61.4833, 37.3595,
83.8597

95.0500, 100.0000,
108.9000

■ 58.8297, 32.7701,
80.7626

■ 56.8888, 29.5936,
77.9415

■ 55.5749, 27.6586,
75.3677

■ 54.7614, 26.7121,
72.9988

■ 54.6929, 26.6411,
72.7718

Harmonies

Analogous

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



67.0450, 60.9616, 120.1392



74.3984, 60.9616, 95.0343



77.2628, 60.9616, 66.6618

Triad

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



74.3984, 60.9616, 95.0343



58.0416, 60.9616, 27.8145



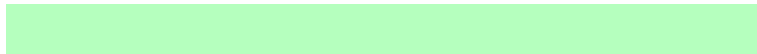
44.0285, 60.9616, 94.4095

Complementary

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



74.3984, 60.9616, 95.0343



64.1123, 85.0624, 61.7576

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.



42.1451, 60.9616, 66.0926



74.3984, 60.9616, 95.0343



49.7030, 60.9616, 31.6595

Square

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



74.3984, 60.9616, 95.0343



67.2349, 60.9616, 31.8336



44.1113, 60.9616, 44.1510



49.5478, 60.9616, 119.7170

Rectangle

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



74.3984, 60.9616, 95.0343



76.0320, 60.9616, 50.8924



44.1113, 60.9616, 44.1510



42.9766, 60.9616, 84.7210

Sweetspot

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



74.3998, 60.9641, 95.0356



87.7145, 86.0429, 104.2540



55.7201, 51.1708, 101.5479



18.5380, 17.9681, 22.1603



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.



74.3998, 60.9641, 95.0356



71.1821, 54.9821, 92.5649



69.3196, 58.9320, 68.2837



18.6919, 18.2601, 22.2609



28.6158, 13.9356, 38.2229



2.8119, 1.3671, 3.8567

Inverse Universe

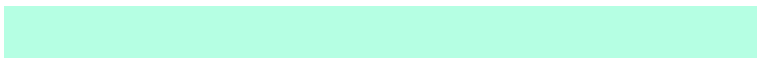
The Inverse Universe completely reimagines the original color for something new.



74.3998, 60.9641, 95.0356



71.1821, 54.9821, 92.5649



68.6323, 86.8704, 85.5600



18.6919, 18.2601, 22.2609



28.6158, 13.9356, 38.2229



2.8119, 1.3671, 3.8567

Previews

White Background



This preview shows how the XYZ color 74.3984, 60.9616, 95.0343 looks on a white background.

Color Contrast Check

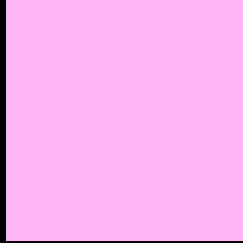
Large Text (above 18pt) WCAG AA × Fail

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 74.3984, 60.9616, 95.0343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

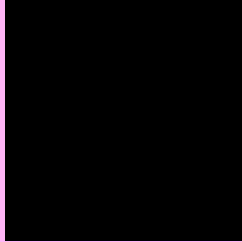
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3984, 60.9616, 95.0343

Background



This preview shows how black text looks on a background with the XYZ color 74.3984, 60.9616, 95.0343.



This preview shows how white text looks on a background with the XYZ color 74.3984, 60.9616,

95.0343.

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

74.3984, 60.9616, 95.0343

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.4134, 60.9848, 92.4861



Tritanopia

68.1636, 60.8946, 65.2880

Trichromacy



Original Color

74.3984, 60.9616, 95.0343



Protanomaly

65.1101, 60.5056, 100.3425



Deuteranomaly

65.9881, 60.4583, 92.9857



Tritanomaly

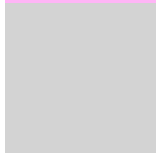
70.1287, 60.7415, 75.0459

Monochromacy



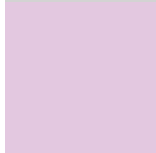
Original Color

74.3984, 60.9616, 95.0343



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.7874, 63.0213, 79.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3984, 60.9616, 95.0343 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, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.3984, 60.9616, 95.0343 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, 181, 246) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3984, 60.9616, 95.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 246) }
```

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

```
.background{ background-color: rgb(255,  
181, 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](#).

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