

Converting Colors

XYZ(76.2469, 65.1489, 94.1388)

Have a look what the booklet for
XYZ(76.2469, 65.1489, 94.1388)
contains.

XYZ(76.1999, 65.0533, 94.1283)	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(76.1999, 65.0533,
94.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFF4
RGB	255, 191, 244
RGB Percent	100%, 75%, 96%
CMY	0.0000, 0.2510, 0.0431
CMYK	0.00, 0.25, 0.04, 0.00
HSL	310°, 100%, 87%
HSV	310°, 25%, 100%
XYZ	76.1999, 65.0533, 94.1283
YIQ	216.1780, 21.1310, 30.0510

Conversions

Conversions Part 2

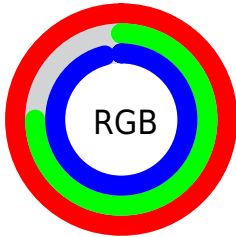
Format	Color
R_{YB}	255, 191, 244
Decimal	16760820
CIE _{Lab}	84.51, 31.25, -17.23
CIE _{LCh}	85, 35.686, 331.132
Yxy	65.0533, 0.3237, 0.2764
Android (android.graphics.Color)	4294950900 (0xFFFFBFF4)
YUV	216.1780, 13.7162, 34.0469
Hunter-Lab	80.6556, 27.4916, -12.7348

Details

The XYZ color **76.1999, 65.0533, 94.1283** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.9086, 86.8616, 69.0670**, and the grayscale version is **65.2924, 68.6927, 74.8063**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **41.3115, 33.5279, 51.8711** is the 20% darker color. If you saturate the color by 10%, you get **70.4581, 54.6218, 88.9707**, and if you desaturate by 10%, it is **82.9286, 77.4326, 99.6947**.

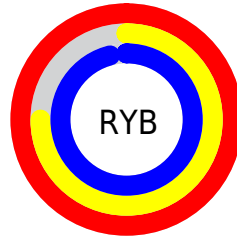
Distribution



Red (100%)

Green (75%)

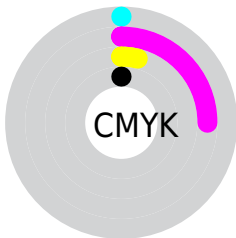
Blue (96%)



Red (100%)

Yellow (75%)

Blue (96%)

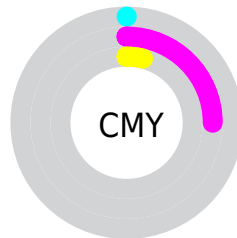


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1999, 65.0533, 94.1283 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 76.1999, 65.0533, 94.1283 by changing the saturation by 10% instead.


 76.1999, 65.0533,
94.1283

 76.1999, 65.0533,
94.1283


470.9656,
442.9835, 562.2834

 56.8941, 47.5043,
70.8168


 126.9883,
112.1265, 155.0450

 41.1600, 33.4345,
51.7118

159.2016,
142.4195, 193.4872

 28.6324, 22.4595,
36.3947


196.4480,
177.7292, 237.8101

 18.9458, 14.1949,
24.4471

239.0930,
218.4401, 288.4322

 11.7349, 8.2564,
15.4504

287.5019,
264.9366, 345.7721

 6.6343, 4.2594,
8.9859

342.0401,

 3.2788, 1.8197,

317.6031, 410.2482

4.6353

403.0729,
376.8239, 482.2791

■ 1.3028, 0.4994,
1.9800

■ 0.1853, 0.0000,
0.5429

■ 76.1999, 65.0533,
94.1283

■ 76.1999, 65.0533,
94.1283

■ 70.4581, 54.6218,
88.9707

■ 82.9286, 77.4326,
99.6947

■ 65.6484, 46.0297,
84.2004

■ 90.6864, 91.8448,
105.6819

■ 61.7176, 39.1703,
79.8001

95.0500, 100.0000,
108.9000

■ 58.6050, 33.9226,
75.7490

■ 56.2422, 30.1499,
72.0238

■ 54.5496, 27.6931,
68.5973

■ 53.4288, 26.3558,
65.4363

■ 53.0195, 25.9718,
63.9599

Harmonies

Analogous

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



70.0717, 65.0533, 115.2782



76.1999, 65.0533, 94.1283



78.3998, 65.0533, 69.9713

Triad

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



76.1999, 65.0533, 94.1283



61.5300, 65.0533, 35.4717



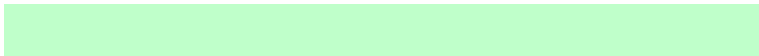
49.6531, 65.0533, 95.9491

Complementary

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



76.1999, 65.0533, 94.1283



67.9086, 86.8616, 69.0670

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.



47.7787, 65.0533, 71.6997



76.1999, 65.0533, 94.1283



54.2635, 65.0533, 39.5903

Square

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



76.1999, 65.0533, 94.1283



69.5052, 65.0533, 39.0068



49.3929, 65.0533, 51.7364



54.7440, 65.0533, 116.4780

Rectangle

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



76.1999, 65.0533, 94.1283



77.2058, 65.0533, 56.1989



49.3929, 65.0533, 51.7364



48.6465, 65.0533, 87.8073

Sweetspot

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



76.2014, 65.0559, 94.1297



88.3245, 87.4441, 103.8986



60.9505, 56.9950, 102.3964



18.6507, 18.2436, 22.0439



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.



76.2014, 65.0559, 94.1297



73.2648, 59.7020, 91.5498



71.7984, 63.2947, 70.9436



18.6507, 18.2436, 22.0439



27.7530, 13.5905, 33.6796



2.7360, 1.3368, 3.4571

Inverse Universe

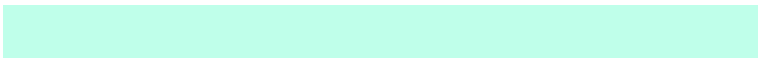
The Inverse Universe completely reimagines the original color for something new.



76.2014, 65.0559, 94.1297



73.2648, 59.7020, 91.5498



72.0511, 88.5186, 90.8809



18.6507, 18.2436, 22.0439



27.7530, 13.5905, 33.6796



2.7360, 1.3368, 3.4571

Previews

White Background



This preview shows how the XYZ color 76.1999, 65.0533, 94.1283 looks on a white background.

Color Contrast Check

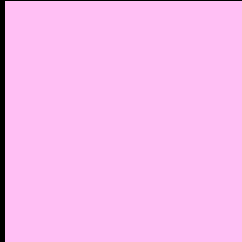
Large Text (above 18pt) WCAG AA × Fail

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 76.1999, 65.0533, 94.1283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

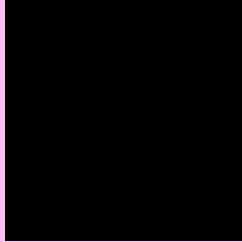
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1999, 65.0533, 94.1283

Background



This preview shows how black text looks on a background with the XYZ color 76.1999, 65.0533, 94.1283.



This preview shows how white text looks on a background with the XYZ color 76.1999, 65.0533,

94.1283.

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

76.1999, 65.0533, 94.1283

Protanopia

64.9379, 65.2384, 103.7774

Deuteranopia

66.8619, 65.3989, 92.3183



Tritanopia

71.6336, 65.1952, 71.0958

Trichromacy



Original Color

76.1999, 65.0533, 94.1283



Protanomaly

68.3519, 64.5782, 100.1291



Deuteranomaly

69.8687, 65.1730, 92.9016



Tritanomaly

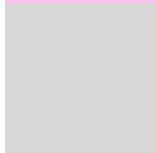
73.1145, 65.1075, 79.2345

Monochromacy



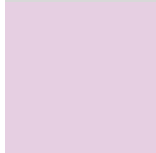
Original Color

76.1999, 65.0533, 94.1283



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.6734, 66.9396, 81.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1999, 65.0533, 94.1283 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, 191, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 244)  
}
```

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, 191, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.1999, 65.0533, 94.1283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

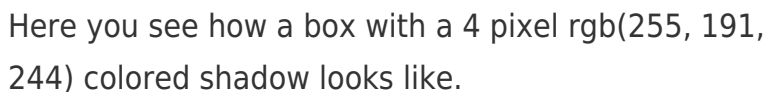
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 191, 244) }
```


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

```
.border{ border-color:rgb(255, 191, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 191, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1999, 65.0533, 94.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 244) }
```

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

```
.background{ background-color: rgb(255,  
191, 244) }
```

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