

Converting Colors

XYZ(102.9229, 79.7483,
94.8453)

Have a look what the booklet for
XYZ(102.9229, 79.7483, 94.8453)
contains.

XYZ(76.7094, 66.3146, 93.5510)	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(76.7094, 66.3146,
93.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2F3
RGB	255, 194, 243
RGB Percent	100%, 76%, 95%
CMY	0.0000, 0.2392, 0.0471
CMYK	0.00, 0.24, 0.05, 0.00
HSL	312°, 100%, 88%
HSV	312°, 24%, 100%
XYZ	76.7094, 66.3146, 93.5510
YIQ	217.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

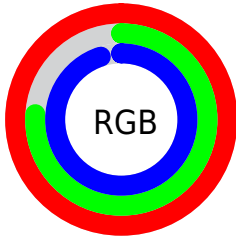
Format	Color
R _Y B	255, 194, 243
Decimal	16761587
CIE Lab	85.16, 29.50, -15.73
CIE LCh	85, 33.431, 331.940
Yxy	66.3146, 0.3242, 0.2803
Android (android.graphics.Color)	4294951667 (0xFFFFC2F3)
YUV	217.8250, 12.4113, 32.6025
Hunter-Lab	81.4338, 25.6352, -11.1086

Details

The XYZ color **76.7094, 66.3146, 93.5510** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.1508, 87.4466, 71.6297**, and the grayscale version is **66.4287, 69.8882, 76.1082**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **41.6364, 34.3498, 51.4494** is the 20% darker color. If you saturate the color by 10%, you get **70.7666, 55.6245, 87.8840**, and if you desaturate by 10%, it is **83.6497, 78.9658, 99.6543**.

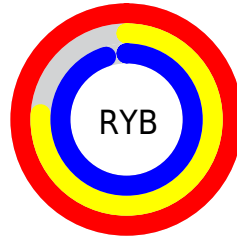
Distribution



Red (100%)

Green (76%)

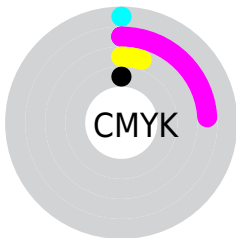
Blue (95%)



Red (100%)

Yellow (76%)

Blue (95%)

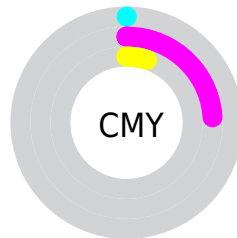


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7094, 66.3146, 93.5510 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 76.7094, 66.3146, 93.5510 by changing the saturation by 10% instead.


 76.7094, 66.3146,
93.5510

 76.7094, 66.3146,
93.5510


472.6798,
447.5012, 560.3811

 57.3135, 48.5278,
70.3393


 127.7042,
113.9378, 154.2395

 41.4981, 34.2451,
51.3247


160.0338,
144.5429, 192.5535

 28.8979, 23.0819,
36.0886


197.4054,
180.1897, 236.7386

 19.1475, 14.6540,
24.2124

240.1842,
221.2624, 287.2135

 11.8815, 8.5769,
15.2776

288.7358,
268.1456, 344.3967

 6.7347, 4.4663,
8.8657

343.4253,

 3.3416, 1.9377,

321.2235, 408.7066

4.5580

404.6182,
380.8805, 480.5619

■ 1.3369, 0.5709,
1.9362

■ 0.2106, 0.0000,
0.5156

■ 76.7094, 66.3146,
93.5510

■ 76.7094, 66.3146,
93.5510

■ 70.7666, 55.6245,
87.8840

■ 83.6497, 78.9658,
99.6543

■ 65.7668, 46.7881,
82.6319

■ 91.6292, 93.6623,
106.2061

■ 61.6573, 39.6995,
77.7770

95.0500, 100.0000,
108.9000

■ 58.3783, 34.2395,
73.2986

■ 55.8622, 30.2735,
69.1735

■ 54.0311, 27.6454,
65.3746

■ 52.7893, 26.1646,
61.8694

■ 52.2397, 25.6599,
59.8536

Harmonies

Analogous

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



71.0155, 66.3146, 113.4833



76.7094, 66.3146, 93.5510



78.6588, 66.3146, 70.8086

Triad

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



76.7094, 66.3146, 93.5510



62.5404, 66.3146, 38.1494



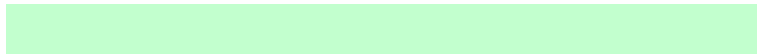
51.5099, 66.3146, 96.4749

Complementary

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



76.7094, 66.3146, 93.5510



69.1508, 87.4466, 71.6297

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.



49.6220, 66.3146, 73.6203



76.7094, 66.3146, 93.5510



55.6668, 66.3146, 42.3905

Square

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



76.7094, 66.3146, 93.5510



70.0988, 66.3146, 41.4124



51.0820, 66.3146, 54.3819



56.4532, 66.3146, 115.3944

Rectangle

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



76.7094, 66.3146, 93.5510



77.4574, 66.3146, 57.7756



51.0820, 66.3146, 54.3819



50.5156, 66.3146, 88.8574

Sweetspot

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



76.7109, 66.3173, 93.5524



89.0574, 88.9112, 104.1388



62.5718, 58.8121, 102.6617



18.9566, 18.8364, 22.2044



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.



76.7109, 66.3173, 93.5524



73.5695, 60.6463, 90.6193



72.5841, 64.6665, 71.8207



18.6305, 18.2355, 21.9372



27.3505, 13.4295, 31.5599



2.7003, 1.3225, 3.2691

Inverse Universe

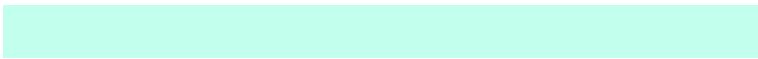
The Inverse Universe completely reimagines the original color for something new.



76.7109, 66.3173, 93.5524



73.5695, 60.6463, 90.6193



73.1042, 89.0279, 92.4484



18.6305, 18.2355, 21.9372



27.3505, 13.4295, 31.5599



2.7003, 1.3225, 3.2691

Previews

White Background



This preview shows how the XYZ color 76.7094, 66.3146, 93.5510 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 76.7094, 66.3146, 93.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

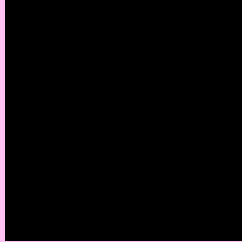
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7094, 66.3146, 93.5510

Background



This preview shows how black text looks on a background with the XYZ color 76.7094, 66.3146, 93.5510.



This preview shows how white text looks on a background with the XYZ color 76.7094, 66.3146,

93.5510.

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

76.7094, 66.3146, 93.5510

Protanopia

66.0855, 66.5817, 103.1344

Deuteranopia

67.8598, 66.2891, 91.6565



Tritanopia

72.4728, 66.2624, 73.2602

Trichromacy



Original Color

76.7094, 66.3146, 93.5510



Protanomaly

69.5181, 66.2527, 99.5665



Deuteranomaly

70.6020, 65.9156, 92.2209



Tritanomaly

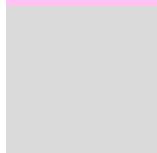
73.7017, 66.0642, 80.1013

Monochromacy



Original Color

76.7094, 66.3146, 93.5510



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.6206, 68.1359, 82.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7094, 66.3146, 93.5510 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, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 243)  
}
```

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, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.7094, 66.3146, 93.5510 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, 194, 243) }
```


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

```
.border{ border-color:rgb(255, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7094, 66.3146, 93.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 243) }
```

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

```
.background{ background-color: rgb(255,  
194, 243) }
```

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