

Converting Colors

XYZ(76.4220, 66.4695, 91.2056)

Have a look what the booklet for
XYZ(76.4220, 66.4695, 91.2056)
contains.

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Color

**XYZ(76.4833, 66.5815,
91.2585)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3F0
RGB	255, 195, 240
RGB Percent	100%, 76%, 94%
CMY	0.0000, 0.2353, 0.0588
CMYK	0.00, 0.24, 0.06, 0.00
HSL	315°, 100%, 88%
HSV	315°, 24%, 100%
XYZ	76.4833, 66.5815, 91.2585
YIQ	218.0700, 21.3150, 26.7150

Conversions

Conversions Part 2

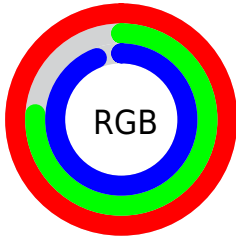
Format	Color
R _Y B	255, 195, 240
Decimal	16761840
CIE Lab	85.29, 28.46, -13.93
CIE LCh	85, 31.684, 333.926
Yxy	66.5815, 0.3264, 0.2841
Android (android.graphics.Color)	4294951920 (0xFFFFC3F0)
YUV	218.0700, 10.8115, 32.3876
Hunter-Lab	81.5975, 24.5168, -9.1916

Details

The XYZ color **76.4833, 66.5815, 91.2585** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.9006, 87.7763, 74.2342**, and the grayscale version is **66.6078, 70.0766, 76.3134**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **41.4653, 34.5162, 49.8242** is the 20% darker color. If you saturate the color by 10%, you get **70.3199, 55.7436, 84.6139**, and if you desaturate by 10%, it is **83.6586, 79.3893, 98.4063**.

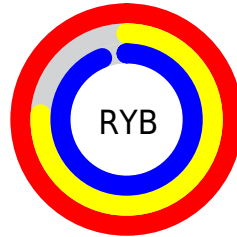
Distribution



Red (100%)

Green (76%)

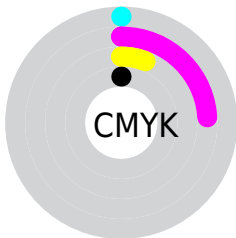
Blue (94%)



Red (100%)

Yellow (76%)

Blue (94%)

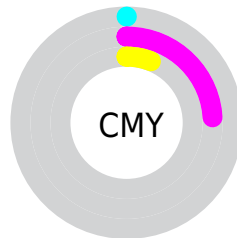


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4833, 66.5815, 91.2585 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 76.4833, 66.5815, 91.2585 by changing the saturation by 10% instead.


 76.4833, 66.5815,
91.2585

 76.4833, 66.5815,
91.2585


471.9195,
448.4537, 552.7916

 57.1273, 48.7446,
68.4453


 127.3866,
114.3205, 151.0360

 41.3480, 34.4169,
49.7912

159.6646,
144.9915, 188.8375

 28.7800, 23.2141,
34.8775


196.9807,
180.7092, 232.4721

 19.0579, 14.7517,
23.2857

239.7002,
221.8581, 282.3584

 11.8164, 8.6453,
14.5973

288.1885,
268.8226, 338.9150

 6.6901, 4.5105,
8.3938

342.8109,

 3.3136, 1.9631,

321.9871, 402.5604

4.2566

403.9328,
381.7360, 473.7131

■ 1.3217, 0.5859,
1.7671

■ 0.1994, 0.0000,
0.4061

■ 76.4833, 66.5815,
91.2585

■ 76.4833, 66.5815,
91.2585

■ 70.3199, 55.7436,
84.6139

■ 83.6586, 79.3893,
98.4063

■ 65.1140, 46.7682,
78.4501

■ 91.8876, 94.2511,
106.0703

■ 60.8128, 39.5502,
72.7487

95.0500, 100.0000,
108.9000

■ 57.3565, 33.9704,
67.4881

■ 54.6780, 29.8950,
62.6441

■ 52.6993, 27.1688,
58.1890

■ 51.3257, 25.6029,
54.0893

■ 50.6714, 25.0326,
51.5951

Harmonies

Analogous

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



71.2889, 66.5815, 110.4124



76.4833, 66.5815, 91.2585



78.0481, 66.5815, 69.8276

Triad

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



76.4833, 66.5815, 91.2585



62.3450, 66.5815, 39.8259



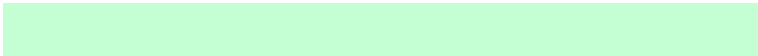
52.5263, 66.5815, 96.8235

Complementary

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



76.4833, 66.5815, 91.2585



69.9006, 87.7763, 74.2342

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.



50.5097, 66.5815, 75.2313



76.4833, 66.5815, 91.2585



55.9014, 66.5815, 44.4369

Square

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



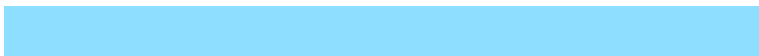
76.4833, 66.5815, 91.2585



69.5346, 66.5815, 42.5158



51.6975, 66.5815, 56.4993



57.4192, 66.5815, 114.0275

Rectangle

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



76.4833, 66.5815, 91.2585



76.7312, 66.5815, 57.6420



51.6975, 66.5815, 56.4993



51.5070, 66.5815, 89.7047

Sweetspot

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



76.4848, 66.5842, 91.2599



88.9074, 88.8512, 103.3490



64.1460, 59.9551, 102.7994



18.9218, 18.8225, 22.0211



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.



76.4848, 66.5842, 91.2599



73.6055, 61.4982, 88.2264



72.3898, 64.9462, 69.6962



18.5872, 18.2182, 21.7094



26.5399, 13.1052, 27.2912



2.6278, 1.2935, 2.8872

Inverse Universe

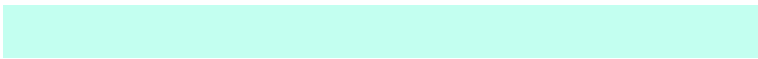
The Inverse Universe completely reimagines the original color for something new.



76.4848, 66.5842, 91.2599



73.6055, 61.4982, 88.2264



73.9956, 89.4142, 95.7979



18.5872, 18.2182, 21.7094



26.5399, 13.1052, 27.2912



2.6278, 1.2935, 2.8872

Previews

White Background



This preview shows how the XYZ color 76.4833, 66.5815, 91.2585 looks on a white background.

Color Contrast Check

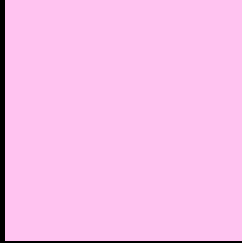
Large Text (above 18pt) WCAG AA × Fail

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 76.4833, 66.5815, 91.2585 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 76.4833, 66.5815, 91.2585

Background



This preview shows how black text looks on a background with the XYZ color 76.4833, 66.5815, 91.2585.



This preview shows how white text looks on a background with the XYZ color 76.4833, 66.5815,

91.2585.

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

76.4833, 66.5815, 91.2585

Protanopia

66.4097, 67.1738, 100.7325

Deuteranopia

68.4199, 66.9728, 90.2098



Tritanopia

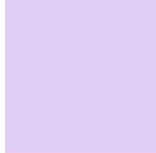
72.8340, 66.4486, 73.2771

Trichromacy



Original Color

76.4833, 66.5815, 91.2585



Protanomaly

69.6003, 66.7053, 97.2028



Deuteranomaly

71.1969, 66.6060, 90.7651



Tritanomaly

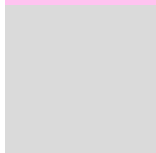
74.1566, 66.6526, 79.4778

Monochromacy



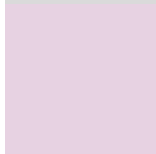
Original Color

76.4833, 66.5815, 91.2585



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.7291, 68.5731, 81.5123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4833, 66.5815, 91.2585 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, 195, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 240)  
}
```

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, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.4833, 66.5815, 91.2585 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, 195, 240) }
```


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

```
.border{ border-color:rgb(255, 195, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4833, 66.5815, 91.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 240) }
```

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

```
.background{ background-color: rgb(255,  
195, 240) }
```

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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