

Converting Colors

XYZ(76.4550, 68.4845, 85.2079)

Have a look what the booklet for
XYZ(76.4550, 68.4845, 85.2079)
contains.

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Color

**XYZ(76.4598, 68.3947,
85.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8E8
RGB	255, 200, 232
RGB Percent	100%, 78%, 91%
CMY	0.0000, 0.2157, 0.0902
CMYK	0.00, 0.22, 0.09, 0.00
HSL	325°, 100%, 89%
HSV	325°, 22%, 100%
XYZ	76.4598, 68.3947, 85.5156
YIQ	220.0930, 22.5080, 21.6120

Conversions

Conversions Part 2

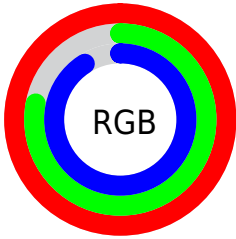
Format	Color
R_{YB}	255, 200, 232
Decimal	16763112
CIE _{Lab}	86.20, 24.48, -8.31
CIE _{LCh}	86, 25.857, 341.245
Yxy	68.3947, 0.3319, 0.2969
Android (android.graphics.Color)	4294953192 (0xFFFFC8E8)
YUV	220.0930, 5.8702, 30.6134
Hunter-Lab	82.7011, 20.3021, -3.4170

Details

The XYZ color **76.4598, 68.3947, 85.5156** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9008, 89.1281, 83.1763**, and the grayscale version is **68.0431, 71.5866, 77.9578**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4041, 35.6981, 45.7825** is the 20% darker color. If you saturate the color by 10%, you get **69.5701, 56.9664, 75.9713**, and if you desaturate by 10%, it is **84.4293, 81.8352, 95.8753**.

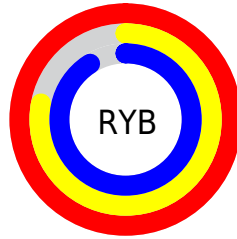
Distribution



Red (100%)

Green (78%)

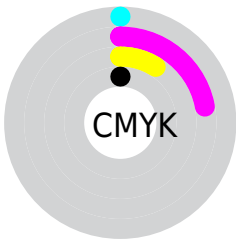
Blue (91%)



Red (100%)

Yellow (78%)

Blue (91%)

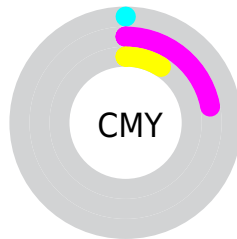


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4598, 68.3947, 85.5156 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 76.4598, 68.3947, 85.5156 by changing the saturation by 10% instead.


 76.4598, 68.3947,
85.5156

 76.4598, 68.3947,
85.5156

471.8405,
454.8932, 533.5216

 57.1080, 50.2189,
63.7149


127.3535,
116.9166, 142.9739

 41.3324, 35.5874,
45.9751

159.6262,
148.0315, 179.4685

 28.7677, 24.1157,
31.8776


196.9365,
184.2283, 221.6982

 19.0486, 15.4195,
21.0040

239.6499,
225.8912, 270.0816

 11.8096, 9.1143,
12.9357

288.1316,
273.4048, 325.0370

 6.6854, 4.8158,
7.2541

342.7470,

 3.3107, 2.1396,

327.1534, 386.9831

3.5406

403.8615,
387.5214, 456.3385

■ 1.3201, 0.6868,
1.3769

■ 0.1982, 0.0000,
0.1236

■ 76.4598, 68.3947,
85.5156

■ 76.4598, 68.3947,
85.5156

■ 69.5701, 56.9664,
75.9713

■ 84.4293, 81.8352,
95.8753

■ 63.7053, 47.4435,
67.2132

■ 93.5212, 97.3708,
107.0694

■ 58.8122, 39.7223,
59.2165

95.0500, 100.0000,
108.9000

■ 54.8310, 33.6856,
51.9526

■ 51.6946, 29.2022,
45.3907

■ 49.3262, 26.1213,
39.4960

■ 47.6335, 24.2615,
34.2286

■ 46.6137, 23.4095,
30.2277

Harmonies

Analogous

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



72.8497, 68.3947, 101.9392



76.4598, 68.3947, 85.5156



76.8930, 68.3947, 68.2584

Triad

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



76.4598, 68.3947, 85.5156



62.8003, 68.3947, 46.7222



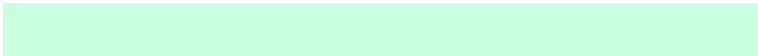
56.7745, 68.3947, 98.2419

Complementary

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



76.4598, 68.3947, 85.5156



72.9008, 89.1281, 83.1763

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.



54.4139, 68.3947, 81.0479



76.4598, 68.3947, 85.5156



57.7486, 68.3947, 52.4404

Square

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



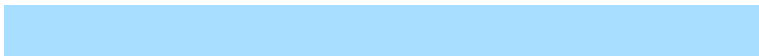
76.4598, 68.3947, 85.5156



68.7574, 68.3947, 47.5413



54.7593, 68.3947, 64.4194



61.3958, 68.3947, 110.0256

Rectangle

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



76.4598, 68.3947, 85.5156



75.2930, 68.3947, 58.7270



54.7593, 68.3947, 64.4194



55.7034, 68.3947, 92.8020

Sweetspot

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



76.4613, 68.3975, 85.5170



89.3486, 90.2184, 102.0017



69.1124, 64.2065, 103.3582



18.9968, 19.0926, 21.6758



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.



76.4613, 68.3975, 85.5170



73.2760, 63.0874, 81.1860



72.8654, 66.9592, 66.5816



18.4526, 18.1643, 21.0005



24.4329, 12.2624, 16.1958



2.4335, 1.2158, 1.8641

Inverse Universe

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



76.4613, 68.3975, 85.5170



73.2760, 63.0874, 81.1860



76.9018, 90.7285, 104.2450



18.4526, 18.1643, 21.0005



24.4329, 12.2624, 16.1958



2.4335, 1.2158, 1.8641

Previews

White Background



This preview shows how the XYZ color 76.4598, 68.3947, 85.5156 looks on a white background.

Color Contrast Check

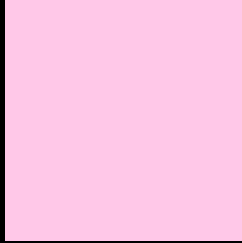
Large Text (above 18pt) WCAG AA × Fail

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 76.4598, 68.3947, 85.5156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

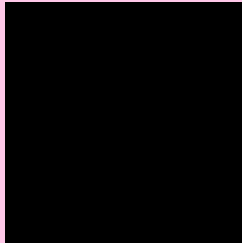
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4598, 68.3947, 85.5156

Background



This preview shows how black text looks on a background with the XYZ color 76.4598, 68.3947, 85.5156.



This preview shows how white text looks on a background with the XYZ color 76.4598, 68.3947,

85.5156.

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

76.4598, 68.3947, 85.5156

Protanopia

67.0751, 68.4411, 92.8943

Deuteranopia

69.9626, 68.6294, 84.4223



Tritanopia

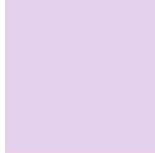
74.2834, 68.1857, 75.5757

Trichromacy



Original Color

76.4598, 68.3947, 85.5156



Protanomaly

70.2280, 68.2680, 90.3645



Deuteranomaly

72.0917, 68.2629, 84.9777



Tritanomaly

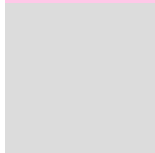
75.0790, 68.1718, 79.0134

Monochromacy



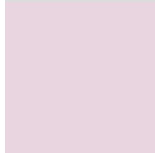
Original Color

76.4598, 68.3947, 85.5156



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

70.8531, 70.2940, 80.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4598, 68.3947, 85.5156 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, 200, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 232)  
}
```

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, 200, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 232) }
```

Border

The CSS property to change the border of an element to XYZ 76.4598, 68.3947, 85.5156 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, 200, 232) }
```


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

```
.border{ border-color:rgb(255, 200, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4598, 68.3947, 85.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 232) }
```

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

```
.background{ background-color: rgb(255,  
200, 232) }
```

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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