

Converting Colors

XYZ(82.9849, 78.7381, 96.2291)

Have a look what the booklet for
XYZ(82.9849, 78.7381, 96.2291)
contains.

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Color

**XYZ(83.1623, 78.9781,
96.4491)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDCF4 |
| RGB | 255, 220, 244 |
| RGB Percent | 100%, 86%, 96% |
| CMY | 0.0000, 0.1372, 0.0431 |
| CMYK | 0.00, 0.14, 0.04, 0.00 |
| HSL | 319°, 100%, 93% |
| HSV | 319°, 14%, 100% |
| XYZ | 83.1623, 78.9781, 96.4491 |
| YIQ | 233.2010, 13.1560, 14.8840 |

Conversions

Conversions Part 2

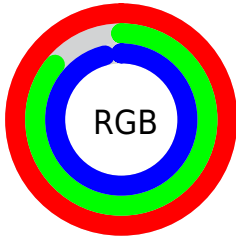
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 220, 244 |
| Decimal | 16768244 |
| CIE Lab | 91.22, 16.05, -7.21 |
| CIE LCh | 91, 17.595, 335.818 |
| Yxy | 78.9781, 0.3216, 0.3054 |
| Android (android.graphics.Color) | 4294958324 (0xFFFFDCF4) |
| YUV | 233.2010, 5.3239, 19.1177 |
| Hunter-Lab | 88.8696, 11.5147, -2.1380 |

Details

The XYZ color **83.1623, 78.9781, 96.4491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7015, 92.5064, 89.2596**, and the grayscale version is **77.5594, 81.5985, 88.8608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8209, 42.5469, 53.3743** is the 20% darker color. If you saturate the color by 10%, you get **75.7830, 66.1246, 88.1159**, and if you desaturate by 10%, it is **91.6190, 93.9007, 105.4046**.

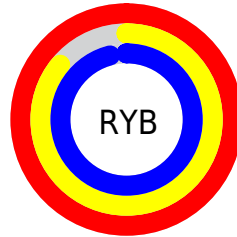
Distribution



Red (100%)

Green (86%)

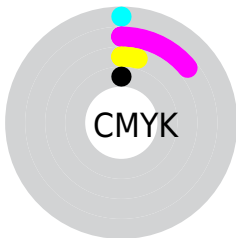
Blue (96%)



Red (100%)

Yellow (86%)

Blue (96%)

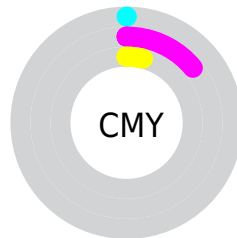


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1623, 78.9781, 96.4491 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 83.1623, 78.9781, 96.4491 by changing the saturation by 10% instead.


 83.1623, 78.9781,
96.4491

 83.1623, 78.9781,
96.4491


494.1030,
491.4823, 569.8962

 62.6414, 58.8778,
72.7381


136.7301,
131.9280, 158.2778

 45.8087, 42.5148,
53.2713


170.5077,
165.5465, 197.2327

 32.2989, 29.5046,
37.6302


209.4350,
204.4397, 242.1059

 21.7466, 19.4629,
25.3962

253.8772,
248.9922, 293.3160

 13.7864, 12.0052,
16.1508

304.1998,
299.5883, 351.2815

 8.0529, 6.7472,
9.4754

360.7680,

 4.1809, 3.3045,

356.6124, 416.4210

4.9515

423.9473,
420.4489, 489.1531

■ 1.8050, 1.2927,
2.1606

■ 0.5207, 0.1355,
0.6515

■ 83.1623, 78.9781,
96.4491

■ 83.1623, 78.9781,
96.4491

■ 75.7830, 66.1246,
88.1159

■ 91.6190, 93.9007,
105.4046

■ 69.4288, 55.2381,
80.3812

95.0500, 100.0000,
108.9000

■ 64.0512, 46.2223,
73.2265

■ 59.5956, 38.9689,
66.6303

■ 56.0016, 33.3585,
60.5688

■ 53.2015, 29.2566,
55.0160

■ 51.1168, 26.5076,
49.9421

■ 49.6518, 24.9213,
45.3116

■ 48.9635, 24.3494,
42.6013

Harmonies

Analogous

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



80.1963, 78.9781, 107.4802



83.1623, 78.9781, 96.4491



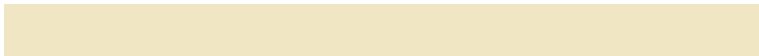
83.9228, 78.9781, 83.5286

Triad

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



83.1623, 78.9781, 96.4491



74.2006, 78.9781, 63.8062



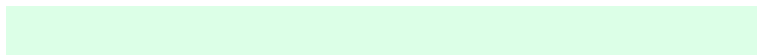
68.3266, 78.9781, 101.1783

Complementary

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



83.1623, 78.9781, 96.4491



79.7015, 92.5064, 89.2596

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.



66.8559, 78.9781, 88.5069



83.1623, 78.9781, 96.4491



70.1599, 78.9781, 67.5805

Square

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



83.1623, 78.9781, 96.4491



78.6334, 78.9781, 65.4829



67.5136, 78.9781, 76.3226



71.6088, 78.9781, 110.3942

Rectangle

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



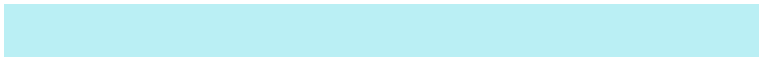
83.1623, 78.9781, 96.4491



83.0516, 78.9781, 75.7372



67.5136, 78.9781, 76.3226



67.6101, 78.9781, 97.1368

Sweetspot

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



83.1641, 78.9813, 96.4508



91.3700, 93.4591, 105.1482



76.4400, 75.3161, 105.1164



19.4131, 19.7490, 22.3575



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.



83.1641, 78.9813, 96.4508



81.3908, 75.8759, 94.4993



80.7006, 77.9959, 83.4779



18.5354, 18.1975, 21.4365



25.6550, 12.7513, 22.6316



2.5474, 1.2613, 2.4639

Inverse Universe

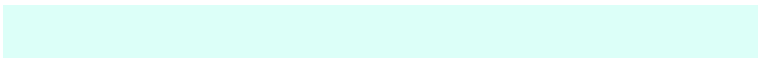
The Inverse Universe completely reimagines the original color for something new.



83.1641, 78.9813, 96.4508



81.3908, 75.8759, 94.4993



82.2205, 93.5140, 102.5244



18.5354, 18.1975, 21.4365



25.6550, 12.7513, 22.6316



2.5474, 1.2613, 2.4639

Previews

White Background



This preview shows how the XYZ color 83.1623, 78.9781, 96.4491 looks on a white background.

Color Contrast Check

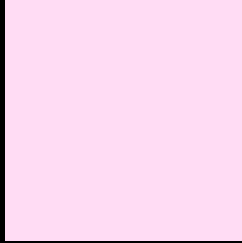
Large Text (above 18pt) WCAG AA × Fail

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 83.1623, 78.9781, 96.4491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

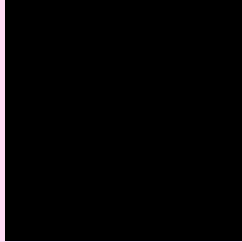
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1623, 78.9781, 96.4491

Background



This preview shows how black text looks on a background with the XYZ color 83.1623, 78.9781, 96.4491.



This preview shows how white text looks on a background with the XYZ color 83.1623, 78.9781,

96.4491.

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

83.1623, 78.9781, 96.4491

Protanopia

77.4313, 79.5362, 100.8935

Deuteranopia

80.5714, 78.8392, 95.7649



Tritanopia

82.1621, 78.9568, 91.7987

Trichromacy



Original Color

83.1623, 78.9781, 96.4491

Protanomaly

79.2448, 79.2853, 99.1226

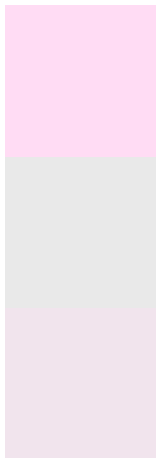
Deuteranomaly

81.3659, 78.8534, 95.7258

Tritanomaly

82.4577, 79.0750, 93.3551

Monochromacy



Original Color

83.1623, 78.9781, 96.4491

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.3051, 80.3020, 91.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1623, 78.9781, 96.4491 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, 220, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 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, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 244) }
```

Border

The CSS property to change the border of an element to XYZ 83.1623, 78.9781, 96.4491 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, 220, 244) }
```


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

```
.border{ border-color:rgb(255, 220, 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, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1623, 78.9781, 96.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 244) }
```

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

```
.background{ background-color: rgb(255,  
220, 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](#).

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