

Converting Colors

XYZ(81.5859, 80.7046, 97.8897)

Have a look what the booklet for
XYZ(81.5859, 80.7046, 97.8897)
contains.

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Color

**XYZ(81.3340, 80.3978,
97.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E2F5
RGB	245, 226, 245
RGB Percent	96%, 89%, 96%
CMY	0.0392, 0.1137, 0.0392
CMYK	0.00, 0.08, 0.00, 0.04
HSL	300°, 49%, 92%
HSV	300°, 8%, 96%
XYZ	81.3340, 80.3978, 97.6178
YIQ	233.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

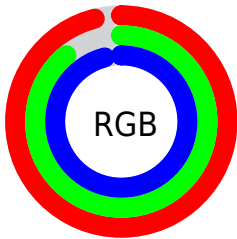
Format	Color
R _{YB}	245, 226, 245
Decimal	16114421
CIE Lab	91.86, 9.77, -6.88
CIE LCh	92, 11.947, 324.844
Yxy	80.3978, 0.3136, 0.3100
Android (android.graphics.Color)	4294304501 (0xFFFF5E2F5)
YUV	233.8470, 5.4984, 9.7812
Hunter-Lab	89.6648, 5.0020, -1.7835

Details

The XYZ color **81.3340, 80.3978, 97.6178** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7470, 86.9668, 84.6443**, and the grayscale version is **78.0500, 82.1147, 89.4229**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7345, 43.6188, 54.2056** is the 20% darker color. If you saturate the color by 10%, you get **75.1431, 68.0148, 95.5551**, and if you desaturate by 10%, it is **88.4815, 94.6915, 100.0013**.

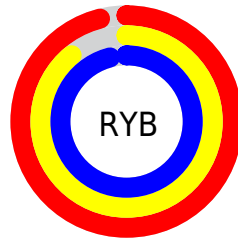
Distribution



Red (96%)

Green (89%)

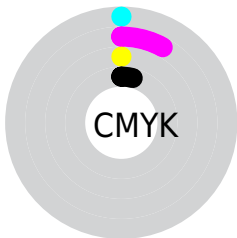
Blue (96%)



Red (96%)

Yellow (89%)

Blue (96%)

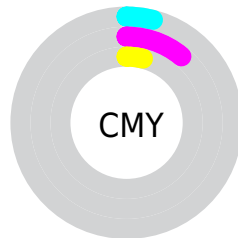


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3340, 80.3978, 97.6178 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 81.3340, 80.3978, 97.6178 by changing the saturation by 10% instead.


 81.3340, 80.3978,
97.6178

 81.3340, 80.3978,
97.6178


488.0856,
496.2724, 573.7091

 61.1290, 60.0458,
73.7068


134.1804,
133.9249, 159.9028

 44.5822, 43.4555,
54.0588


167.5524,
167.8687, 199.1139

 31.3283, 30.2427,
38.2551


206.0441,
207.1119, 244.2622

 21.0020, 20.0229,
25.8774

250.0208,
252.0389, 295.7661

 13.2380, 12.4117,
16.5070

299.8480,
303.0340, 354.0442

 7.6707, 7.0247,
9.7254

355.8910,

 3.9350, 3.4775,

360.4817, 419.5150

5.1141

418.5150,
424.7664, 492.5971

■ 1.6654, 1.3858,
2.2544

■ 0.4345, 0.2063,
0.7055

■ 81.3340, 80.3978,
97.6178

■ 81.3340, 80.3978,
97.6178

■ 75.1431, 68.0148,
95.5551

■ 88.4815, 94.6915,
100.0013

■ 69.8616, 57.4518,
93.7945

■ 89.8984, 97.5254,
100.4737

■ 65.4488, 48.6263,
92.3235

■ 89.8985, 97.5254,
100.4738

■ 61.8582, 41.4451,
91.1266

■ 89.8985, 97.5255,
100.4739

59.0390, 35.8067,
90.1867

89.8985, 97.5255,
100.4739

56.9347, 31.5981,
89.4852

89.8985, 97.5255,
100.4740

55.4811, 28.6909,
89.0006

89.8985, 97.5255,
100.4741

54.6027, 26.9342,
88.7078

89.8985, 97.5255,
100.4742

54.1980, 26.1249,
88.5728

89.8985, 97.5255,
100.4742

Harmonies

Analogous

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



78.9176, 80.3978, 103.7593



81.3340, 80.3978, 97.6178



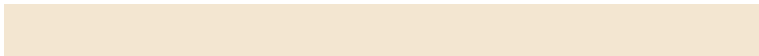
82.4343, 80.3978, 89.0644

Triad

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



81.3340, 80.3978, 97.6178



76.9463, 80.3978, 71.7887



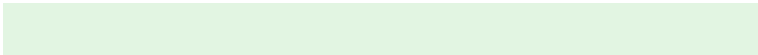
71.1936, 80.3978, 94.8211

Complementary

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



81.3340, 80.3978, 97.6178



77.7470, 86.9668, 84.6443

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.



70.6974, 80.3978, 86.0322



81.3340, 80.3978, 97.6178



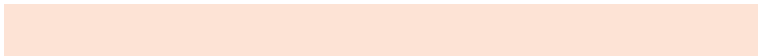
73.9672, 80.3978, 73.1048

Square

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



81.3340, 80.3978, 97.6178



79.8582, 80.3978, 74.4575



71.6998, 80.3978, 78.1800



73.0736, 80.3978, 102.0705

Rectangle

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



81.3340, 80.3978, 97.6178



82.2527, 80.3978, 83.2880



71.6998, 80.3978, 78.1800



70.8616, 80.3978, 91.9334

Sweetspot

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



81.3363, 80.4013, 97.6195



93.4445, 96.7891, 108.3648



75.0454, 77.1582, 97.3252



20.0178, 20.7505, 23.2001



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.



81.3363, 80.4013, 97.6195



88.1607, 86.2214, 106.6035



79.9230, 79.8359, 90.1768



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7046



2.5633, 1.2313, 4.1928

Inverse Universe

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



81.3363, 80.4013, 97.6195



88.1607, 86.2214, 106.6035



79.0870, 87.5028, 91.7007



17.2137, 16.7683, 20.8719



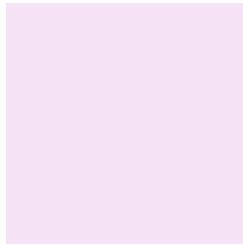
29.1650, 14.0094, 47.7046



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 81.3340, 80.3978, 97.6178 looks on a white background.

Color Contrast Check

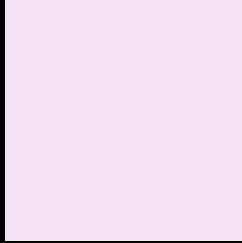
Large Text (above 18pt) WCAG AA × Fail

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 81.3340, 80.3978, 97.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

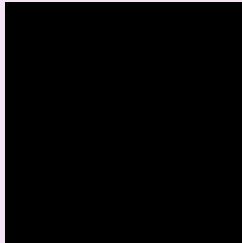
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

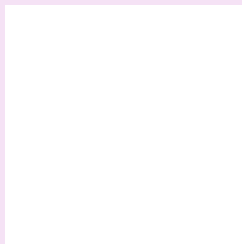
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3340, 80.3978, 97.6178

Background



This preview shows how black text looks on a background with the XYZ color 81.3340, 80.3978, 97.6178.



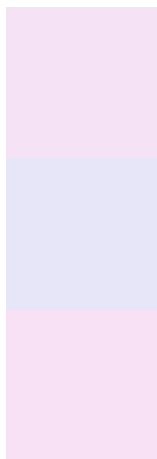
This preview shows how white text looks on a background with the XYZ color 81.3340, 80.3978,

97.6178.

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

81.3340, 80.3978, 97.6178

Protanopia

78.1951, 80.3599, 100.1966

Deuteranopia

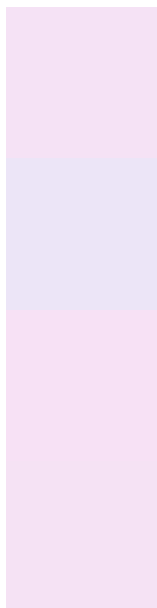
82.1180, 80.3995, 97.5768



Tritanopia

81.1817, 80.3368, 96.8158

Trichromacy



Original Color

81.3340, 80.3978, 97.6178

Protanomaly

79.3999, 80.5869, 99.3657

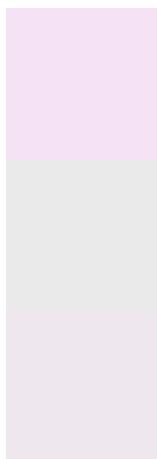
Deuteranomaly

81.7644, 80.2172, 97.5602

Tritanomaly

81.1817, 80.3368, 96.8158

Monochromacy



Original Color

81.3340, 80.3978, 97.6178

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.2684, 81.5020, 92.4425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3340, 80.3978, 97.6178 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(245, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 245)  
}
```

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(245, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 245) }
```

Border

The CSS property to change the border of an element to XYZ 81.3340, 80.3978, 97.6178 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(245, 226, 245) }
```


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

```
.border{ border-color:rgb(245, 226, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 226, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3340, 80.3978, 97.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 245) }
```

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

```
.background{ background-color: rgb(245,  
226, 245) }
```

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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