

Converting Colors

XYZ(80.9086, 77.4922, 92.8595)

Have a look what the booklet for
XYZ(80.9086, 77.4922, 92.8595)
contains.

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Color

**XYZ(80.8434, 77.4635,
93.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDBF0
RGB	251, 219, 240
RGB Percent	98%, 86%, 94%
CMY	0.0157, 0.1412, 0.0588
CMYK	0.00, 0.13, 0.04, 0.02
HSL	321°, 80%, 92%
HSV	321°, 13%, 98%
XYZ	80.8434, 77.4635, 93.1291
YIQ	230.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

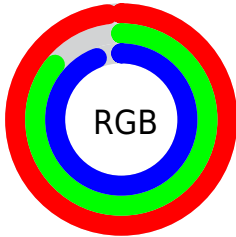
Format	Color
R _Y B	251, 219, 240
Decimal	16505840
CIE Lab	90.53, 14.54, -6.17
CIE LCh	91, 15.792, 337.012
Yxy	77.4635, 0.3215, 0.3081
Android (android.graphics.Color)	4294695920 (0xFFFBDBF0)
YUV	230.9620, 4.4557, 17.5733
Hunter-Lab	88.0134, 9.9352, -1.1269

Details

The XYZ color **80.8434, 77.4635, 93.1291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9966, 89.7698, 88.0837**, and the grayscale version is **75.8907, 79.8430, 86.9490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1753, 41.4809, 51.0257** is the 20% darker color. If you saturate the color by 10%, you get **73.5314, 64.8416, 84.5172**, and if you desaturate by 10%, it is **89.2081, 92.0912, 102.3946**.

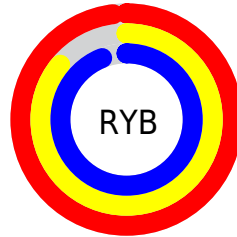
Distribution



Red (98%)

Green (86%)

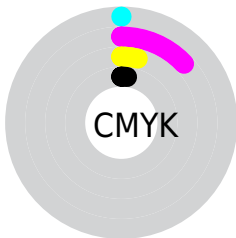
Blue (94%)



Red (98%)

Yellow (86%)

Blue (94%)

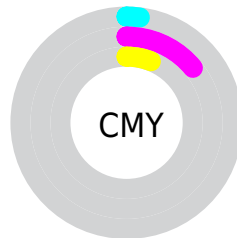


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.8434, 77.4635, 93.1291 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 80.8434, 77.4635, 93.1291 by changing the saturation by 10% instead.


 80.8434, 77.4635,
93.1291

 80.8434, 77.4635,
93.1291


486.4640,
486.3429, 558.9886

 60.7235, 57.6334,
69.9905


133.4952,
129.7936, 153.6506

 44.2537, 41.5140,
51.0421


166.7577,
163.0623, 191.8706

 31.0688, 28.7209,
35.8651


205.1319,
201.5793, 235.9549

 20.8033, 18.8698,
24.0412

248.9830,
245.7290, 286.3219

 13.0920, 11.5762,
15.1517

298.6764,
295.8958, 343.3902

 7.5693, 6.4558,
8.7781

354.5775,

 3.8701, 3.1242,

352.4642, 407.5784

4.5019

417.0515,
415.8184, 479.3051

■ 1.6289, 1.1969,
1.9045

■ 0.4111, 0.0592,
0.4956

■ 80.8434, 77.4635,
93.1291

■ 80.8434, 77.4635,
93.1291

■ 73.5314, 64.8416,
84.5172

■ 89.2081, 92.0912,
102.3946

■ 67.2206, 54.1269,
76.5348

■ 93.5943, 99.2495,
108.8319

■ 61.8650, 45.2277,
69.1633

■ 57.4121, 38.0405,
62.3808

■ 53.8044, 32.4517,
56.1638

■ 50.9773, 28.3334,
50.4862

■ 48.8563, 25.5383,
45.3186

■ 47.3513, 23.8878,
40.6261

■ 46.5492, 23.2155,
37.4854

Harmonies

Analogous

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



78.2948, 77.4635, 102.9359



80.8434, 77.4635, 93.1291



81.4264, 77.4635, 81.7165

Triad

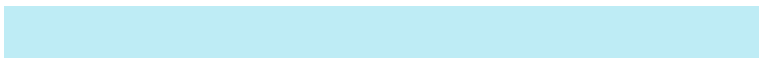
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8434, 77.4635, 93.1291



72.7033, 77.4635, 64.5426



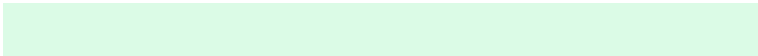
67.7262, 77.4635, 98.1302

Complementary

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



80.8434, 77.4635, 93.1291



77.9966, 89.7698, 88.0837

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.



66.3418, 77.4635, 87.0284



80.8434, 77.4635, 93.1291



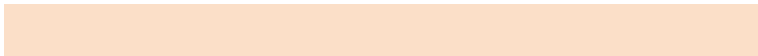
69.1480, 77.4635, 68.1385

Square

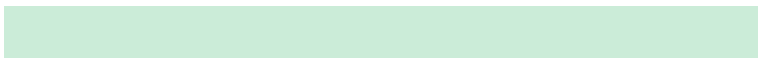
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



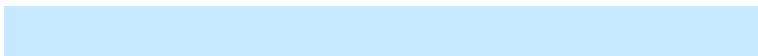
80.8434, 77.4635, 93.1291



76.6333, 77.4635, 65.8606



66.8529, 77.4635, 76.1306



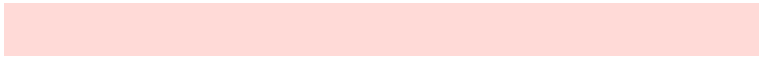
70.6998, 77.4635, 105.9988

Rectangle

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



80.8434, 77.4635, 93.1291



80.6037, 77.4635, 74.8448



66.8529, 77.4635, 76.1306



67.0645, 77.4635, 94.6160

Sweetspot

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



80.8456, 77.4669, 93.1308



91.3224, 93.4400, 104.8975



75.2735, 74.3997, 101.6614



19.4010, 19.7442, 22.2939



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

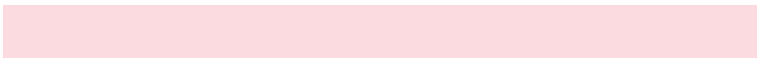
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.8456, 77.4669, 93.1308



81.9929, 77.1587, 94.4577



78.6177, 76.5757, 81.3988



17.7247, 17.4172, 20.4059



24.5389, 12.2313, 20.0783



2.3225, 1.1527, 2.1218

Inverse Universe

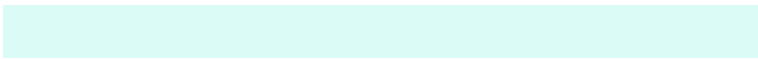
The Inverse Universe completely reimagines the original color for something new.



80.8456, 77.4669, 93.1308



81.9929, 77.1587, 94.4577



80.2966, 90.6898, 100.1954



17.7247, 17.4172, 20.4059



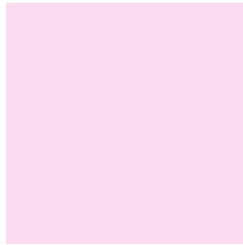
24.5389, 12.2313, 20.0783



2.3225, 1.1527, 2.1218

Previews

White Background



This preview shows how the XYZ color 80.8434, 77.4635, 93.1291 looks on a white background.

Color Contrast Check

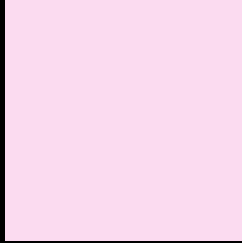
Large Text (above 18pt) WCAG AA × Fail

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 80.8434, 77.4635, 93.1291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

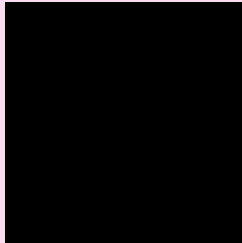
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8434, 77.4635, 93.1291

Background



This preview shows how black text looks on a background with the XYZ color 80.8434, 77.4635, 93.1291.



This preview shows how white text looks on a background with the XYZ color 80.8434, 77.4635,

93.1291.

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

80.8434, 77.4635, 93.1291

Protanopia

75.6291, 77.8616, 97.4289

Deuteranopia

79.2408, 77.4167, 93.2045



Tritanopia

80.6629, 77.8101, 90.8882

Trichromacy



Original Color

80.8434, 77.4635, 93.1291

Protanomaly

77.4254, 77.6152, 95.6945

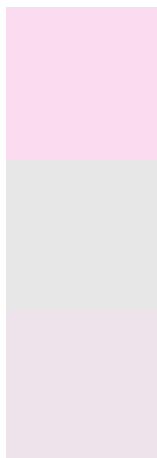
Deuteranomaly

79.6791, 77.2518, 93.1496

Tritanomaly

80.8095, 77.8687, 91.6600

Monochromacy



Original Color

80.8434, 77.4635, 93.1291

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.5803, 79.0558, 89.0123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8434, 77.4635, 93.1291 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(251, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 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(251, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 80.8434, 77.4635, 93.1291 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(251, 219, 240) }
```


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

```
.border{ border-color:rgb(251, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8434, 77.4635, 93.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 240) }
```

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

```
.background{ background-color: rgb(251,  
219, 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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