

Converting Colors

XYZ(79.9911, 78.6722, 83.5112)

Have a look what the booklet for
XYZ(79.9911, 78.6722, 83.5112)
contains.

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Color

**XYZ(80.0365, 78.8306,
83.6705)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDFE3
RGB	251, 223, 227
RGB Percent	98%, 87%, 89%
CMY	0.0157, 0.1255, 0.1098
CMYK	0.00, 0.11, 0.10, 0.02
HSL	351°, 78%, 93%
HSV	351°, 11%, 98%
XYZ	80.0365, 78.8306, 83.6705
YIQ	231.8280, 15.4040, 7.1800

Conversions

Conversions Part 2

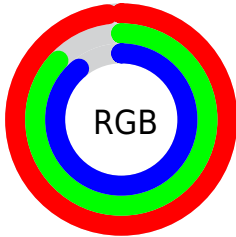
Format	Color
R_{YB}	251, 223, 227
Decimal	16506851
CIE _{Lab}	91.16, 10.27, 1.56
CIE _{LCh}	91, 10.390, 8.663
Yxy	78.8306, 0.3300, 0.3250
Android (android.graphics.Color)	4294696931 (0xFFFBDFE3)
YUV	231.8280, -2.3802, 16.8138
Hunter-Lab	88.7866, 5.5319, 6.2771

Details

The XYZ color **80.0365, 78.8306, 83.6705** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.7202, 91.3998, 101.3350**, and the grayscale version is **76.5841, 80.5725, 87.7434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6972, 42.4532, 44.9209** is the 20% darker color. If you saturate the color by 10%, you get **71.0346, 65.2857, 66.9218**, and if you desaturate by 10%, it is **90.4081, 94.5190, 102.7088**.

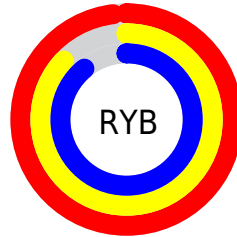
Distribution



Red (98%)

Green (87%)

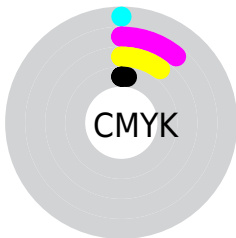
Blue (89%)



Red (98%)

Yellow (87%)

Blue (89%)

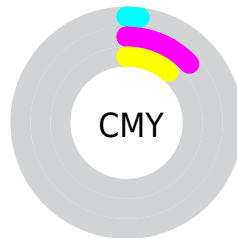


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0365, 78.8306, 83.6705 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 80.0365, 78.8306, 83.6705 by changing the saturation by 10% instead.


 80.0365, 78.8306,
83.6705

 80.0365, 78.8306,
83.6705


483.7905,
490.9831, 527.2478

 60.0570, 58.7565,
62.1996

132.3673,
131.7204, 140.3718

 43.7142, 42.4172,
44.7572


165.4493,
165.3048, 176.4393

 30.6428, 29.4281,
30.9247


203.6294,
204.1616, 218.2093

 20.4775, 19.4049,
20.2835

247.2731,
248.6750, 266.1006

 12.8529, 11.9632,
12.4152

296.7457,
299.2294, 320.5315

 7.4036, 6.7186,
6.9011

352.4126,

 3.7643, 3.2868,

356.2094, 381.9207

3.3228

414.6391,
419.9991, 450.6866

■ 1.5697, 1.2832,
1.2617

■ 0.3725, 0.1282,
0.0301

■ 80.0365, 78.8306,
83.6705

■ 80.0365, 78.8306,
83.6705

■ 71.0346, 65.2857,
66.9218

■ 90.4081, 94.5190,
102.7088

■ 63.3386, 53.7814,
52.3714

■ 93.5941, 99.2495,
108.8319

■ 56.8894, 44.2216,
39.9291

■ 51.6208, 36.4987,
29.4966

■ 47.4603, 30.4944,
20.9678

■ 44.3275, 26.0766,
14.2264

■ 42.1306, 23.0940,
9.1437

■ 40.7612, 21.3657,
5.5725

■ 40.0999, 20.6358,
3.5247

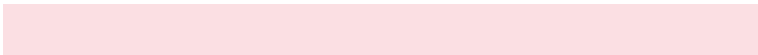
Harmonies

Analogous

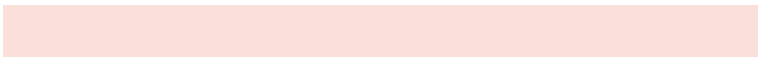
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7350, 78.8306, 91.2104



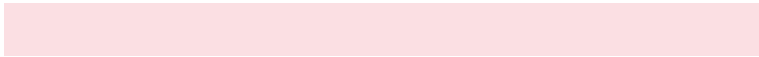
80.0365, 78.8306, 83.6705



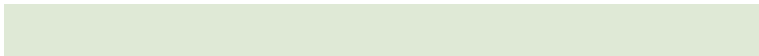
78.9438, 78.8306, 77.1008

Triad

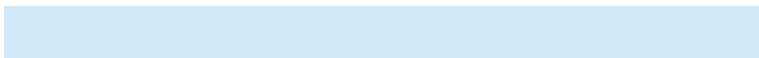
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0365, 78.8306, 83.6705



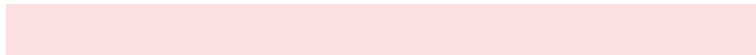
71.8116, 78.8306, 75.0156



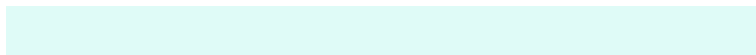
73.1015, 78.8306, 100.0397

Complementary

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



80.0365, 78.8306, 83.6705



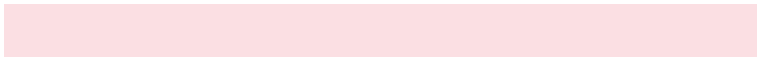
81.7202, 91.3998, 101.3350

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.



71.0471, 78.8306, 95.2010



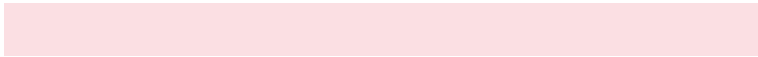
80.0365, 78.8306, 83.6705



70.3146, 78.8306, 80.6715

Square

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



80.0365, 78.8306, 83.6705



74.1671, 78.8306, 72.2991



70.0380, 78.8306, 88.0327



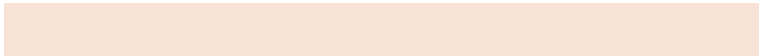
75.6903, 78.8306, 100.9587

Rectangle

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



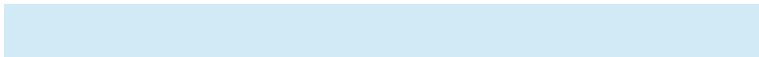
80.0365, 78.8306, 83.6705



77.5865, 78.8306, 74.0497



70.0380, 78.8306, 88.0327



72.3272, 78.8306, 98.8046

Sweetspot

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



80.0387, 78.8341, 83.6722



91.6198, 94.8006, 102.6362



82.0900, 79.4818, 102.2828



19.4190, 20.0013, 21.6180



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

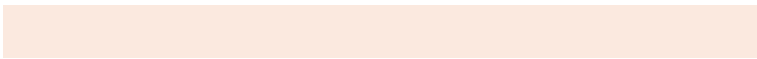
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0387, 78.8341, 83.6722



81.1289, 78.9459, 83.3326



82.1877, 84.0046, 81.6989



17.3455, 17.2656, 18.4092



21.1090, 10.8593, 2.0163



1.9847, 1.0176, 0.3426

Inverse Universe

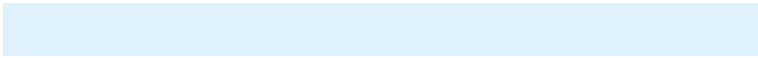
The Inverse Universe completely reimagines the original color for something new.



80.0387, 78.8341, 83.6722



81.1289, 78.9459, 83.3326



79.3614, 85.6848, 103.6239



17.3455, 17.2656, 18.4092



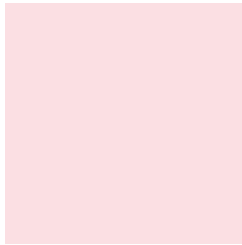
21.1090, 10.8593, 2.0163



1.9847, 1.0176, 0.3426

Previews

White Background



This preview shows how the XYZ color 80.0365, 78.8306, 83.6705 looks on a white background.

Color Contrast Check

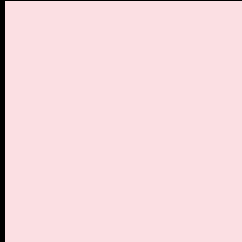
Large Text (above 18pt) WCAG AA × Fail

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 80.0365, 78.8306, 83.6705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

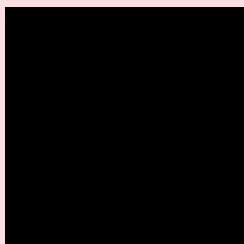
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0365, 78.8306, 83.6705

Background



This preview shows how black text looks on a background with the XYZ color 80.0365, 78.8306, 83.6705.



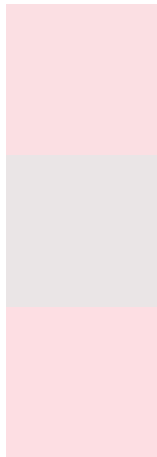
This preview shows how white text looks on a background with the XYZ color 80.0365, 78.8306,

83.6705.

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

80.0365, 78.8306, 83.6705

Protanopia

76.2339, 79.2442, 86.1406

Deuteranopia

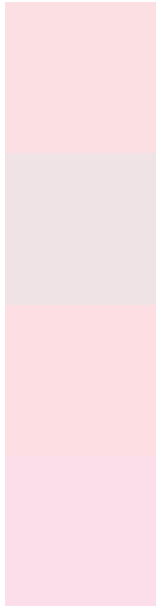
80.4944, 78.6713, 83.6156



Tritanopia

81.9445, 78.8275, 92.5577

Trichromacy



Original Color

80.0365, 78.8306, 83.6705

Protanomaly

77.5471, 79.1206, 85.3134

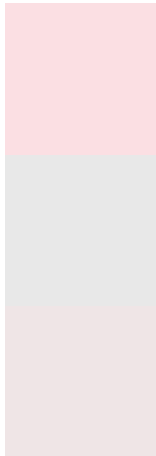
Deuteranomaly

80.1313, 78.4841, 83.5986

Tritanomaly

81.2616, 78.9362, 89.5505

Monochromacy



Original Color

80.0365, 78.8306, 83.6705

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.8988, 80.1025, 86.2185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0365, 78.8306, 83.6705 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, 223, 227) looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 227)  
}
```

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, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 227) }
```

Border

The CSS property to change the border of an element to XYZ 80.0365, 78.8306, 83.6705 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, 223, 227) }
```


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

```
.border{ border-color:rgb(251, 223, 227) }
```

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

Here you see how a box with a 4 pixel rgb(251, 223, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0365, 78.8306, 83.6705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 227) }
```

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

```
.background{ background-color: rgb(251,  
223, 227) }
```

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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