

Converting Colors

XYZ(80.8454, 76.3689, 89.4352)

Have a look what the booklet for
XYZ(80.8454, 76.3689, 89.4352)
contains.

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Color

**XYZ(80.7913, 76.3699,
89.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8EB
RGB	255, 216, 235
RGB Percent	100%, 85%, 92%
CMY	0.0000, 0.1529, 0.0784
CMYK	0.00, 0.15, 0.08, 0.00
HSL	331°, 100%, 92%
HSV	331°, 15%, 100%
XYZ	80.7913, 76.3699, 89.0800
YIQ	229.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

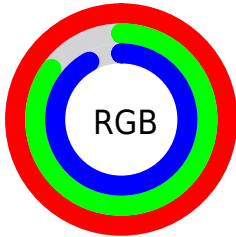
Format	Color
R _Y B	255, 216, 235
Decimal	16767211
CIE _{Lab}	90.03, 16.61, -4.24
CIE _{LCh}	90, 17.141, 345.666
Yxy	76.3699, 0.3281, 0.3101
Android (android.graphics.Color)	4294957291 (0xFFFFD8EB)
YUV	229.8270, 2.5503, 22.0767
Hunter-Lab	87.3899, 12.0897, 0.7362

Details

The XYZ color **80.7913, 76.3699, 89.0800** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2216, 92.1762, 92.9766**, and the grayscale version is **75.0603, 78.9693, 85.9976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1703, 40.7502, 48.1854** is the 20% darker color. If you saturate the color by 10%, you get **72.9378, 63.5763, 77.4807**, and if you desaturate by 10%, it is **89.8009, 91.2528, 101.7521**.

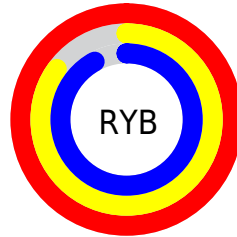
Distribution



Red (100%)

Green (85%)

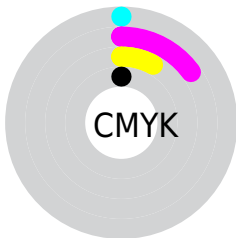
Blue (92%)



Red (100%)

Yellow (85%)

Blue (92%)

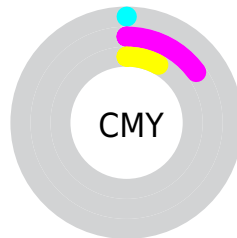


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7913, 76.3699, 89.0800 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 80.7913, 76.3699, 89.0800 by changing the saturation by 10% instead.


 80.7913, 76.3699,
89.0800

 80.7913, 76.3699,
89.0800


486.2916,
482.6130, 545.5263

 60.6804, 56.7359,
66.6484


133.4224,
128.2496, 147.9841

 44.2189, 40.7932,
48.3392


166.6733,
161.2642, 185.2938

 31.0413, 28.1575,
33.7337


205.0350,
199.5076, 228.3999

 20.7823, 18.4445,
22.4134

248.8727,
243.3644, 277.7211

 13.0765, 11.2696,
13.9597

298.5519,
293.2190, 333.6757

 7.5586, 6.2484,
7.9542

354.4378,

 3.8632, 2.9967,

349.4556, 396.6824

3.9783

416.8960,
412.4589, 467.1598

■ 1.6251, 1.1300,
1.6135

■ 0.4087, 0.0034,
0.3004

■ 80.7913, 76.3699,
89.0800

■ 80.7913, 76.3699,
89.0800

■ 72.9378, 63.5763,
77.4807

■ 89.8009, 91.2528,
101.7521

■ 66.1857, 52.7682,
66.9183

95.0500, 100.0000,
108.9000

■ 60.4834, 43.8470,
57.3615

■ 55.7730, 36.7020,
48.7752

■ 51.9904, 31.2104,
41.1219

■ 49.0639, 27.2341,
34.3608

■ 46.9100, 24.6119,
28.4462

■ 45.4262, 23.1450,
23.3255

■ 44.8921, 22.7208,
21.1615

Harmonies

Analogous

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



78.5873, 76.3699, 100.5943



80.7913, 76.3699, 89.0800



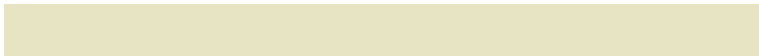
80.7385, 76.3699, 76.9962

Triad

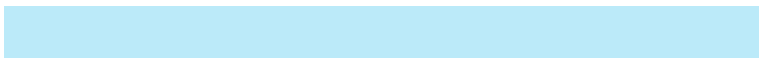
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7913, 76.3699, 89.0800



70.4041, 76.3699, 62.6045



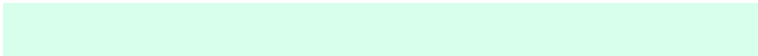
67.0280, 76.3699, 101.0317

Complementary

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



80.7913, 76.3699, 89.0800



79.2216, 92.1762, 92.9766

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.



65.0040, 76.3699, 89.6313



80.7913, 76.3699, 89.0800



66.9007, 76.3699, 67.8555

Square

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



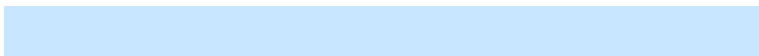
80.7913, 76.3699, 89.0800



74.6281, 76.3699, 62.4881



64.9584, 76.3699, 77.4965



70.5841, 76.3699, 107.9371

Rectangle

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



80.7913, 76.3699, 89.0800



79.4268, 76.3699, 70.2478



64.9584, 76.3699, 77.4965



66.1522, 76.3699, 97.5511

Sweetspot

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



80.7930, 76.3730, 89.0816



90.0815, 91.7192, 102.1382



77.0347, 74.0827, 104.8470



19.1369, 19.3919, 21.6631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

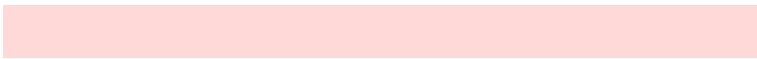
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7930, 76.3730, 89.0816



78.5538, 72.7055, 85.8355



78.1928, 75.3330, 75.3893



18.3781, 18.1346, 20.6083



23.5319, 11.9021, 11.4514



2.3462, 1.1808, 1.4044

Inverse Universe

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



80.7930, 76.3730, 89.0816



78.5538, 72.7055, 85.8355



82.1307, 93.3398, 108.2954



18.3781, 18.1346, 20.6083



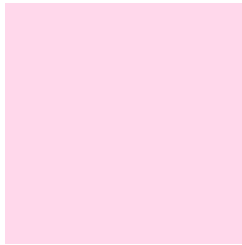
23.5319, 11.9021, 11.4514



2.3462, 1.1808, 1.4044

Previews

White Background



This preview shows how the XYZ color 80.7913, 76.3699, 89.0800 looks on a white background.

Color Contrast Check

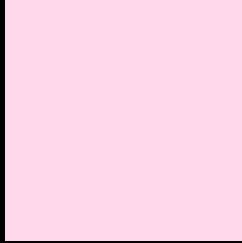
Large Text (above 18pt) WCAG AA × Fail

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 80.7913, 76.3699, 89.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

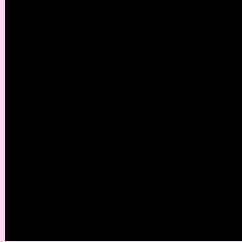
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7913, 76.3699, 89.0800

Background



This preview shows how black text looks on a background with the XYZ color 80.7913, 76.3699, 89.0800.



This preview shows how white text looks on a background with the XYZ color 80.7913, 76.3699,

89.0800.

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

80.7913, 76.3699, 89.0800

Protanopia

74.4810, 76.5322, 94.0657

Deuteranopia

78.1007, 76.5394, 88.4991



Tritanopia

80.5038, 76.2549, 87.5665

Trichromacy



Original Color

80.7913, 76.3699, 89.0800

Protanomaly

76.6263, 76.4791, 92.3847

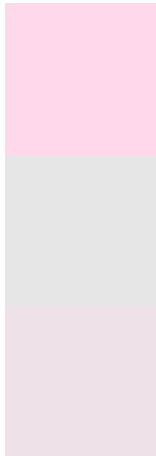
Deuteranomaly

79.2497, 76.7433, 88.4779

Tritanomaly

80.6471, 76.3122, 88.3211

Monochromacy



Original Color

80.7913, 76.3699, 89.0800

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.0873, 78.0273, 87.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7913, 76.3699, 89.0800 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, 216, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 235)  
}
```

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, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.7913, 76.3699, 89.0800 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, 216, 235) }
```


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

```
.border{ border-color:rgb(255, 216, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7913, 76.3699, 89.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 235) }
```

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

```
.background{ background-color: rgb(255,  
216, 235) }
```

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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