

Converting Colors

XYZ(82.2935, 77.0349, 85.6950)

Have a look what the booklet for XYZ(82.2935, 77.0349, 85.6950) contains.

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Color

**XYZ(80.0788, 76.0849,
85.3282)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E6
RGB	255, 216, 230
RGB Percent	100%, 85%, 90%
CMY	0.0000, 0.1529, 0.0980
CMYK	0.00, 0.15, 0.10, 0.00
HSL	338°, 100%, 92%
HSV	338°, 15%, 100%
XYZ	80.0788, 76.0849, 85.3282
YIQ	229.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

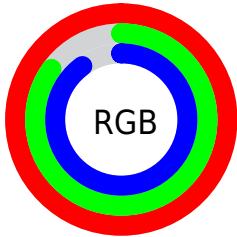
Format	Color
R_{YB}	255, 216, 230
Decimal	16767206
CIE _{Lab}	89.90, 15.78, -1.81
CIE _{LCh}	90, 15.883, 353.466
Yxy	76.0849, 0.3316, 0.3151
Android (android.graphics.Color)	4294957286 (0xFFFFD8E6)
YUV	229.2570, 0.3663, 22.5766
Hunter-Lab	87.2267, 11.2260, 3.0591

Details

The XYZ color **80.0788, 76.0849, 85.3282** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9585, 92.4710, 96.8570**, and the grayscale version is **74.6546, 78.5425, 85.5328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7714, 40.5907, 46.0852** is the 20% darker color. If you saturate the color by 10%, you get **71.8567, 63.1439, 71.7875**, and if you desaturate by 10%, it is **89.5335, 91.1459, 100.3440**.

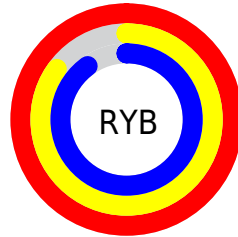
Distribution



Red (100%)

Green (85%)

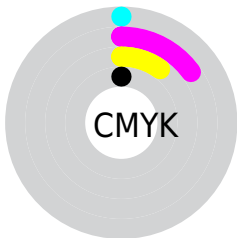
Blue (90%)



Red (100%)

Yellow (85%)

Blue (90%)

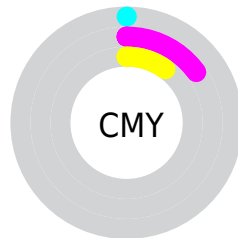


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.0788, 76.0849, 85.3282 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 80.0788, 76.0849, 85.3282 by changing the saturation by 10% instead.


 80.0788, 76.0849,
85.3282

 80.0788, 76.0849,
85.3282


483.9308,
481.6383, 532.8863

 60.0919, 56.5021,
63.5609


132.4265,
127.8469, 142.7099

 43.7424, 40.6057,
45.8512


165.5179,
160.7949, 179.1613

 30.6651, 28.0111,
31.7806


203.7083,
198.9668, 221.3445

 20.4946, 18.3340,
20.9305

247.3629,
242.7470, 269.6781

 12.8654, 11.1901,
12.8825

296.8471,
292.5198, 324.5805

 7.4123, 6.1948,
7.2179

352.5262,

 3.7699, 2.9639,

348.6697, 386.4703

3.5182

414.7657,
411.5811, 455.7661

■ 1.5728, 1.1129,
1.3650

■ 0.3746, 0.0000,
0.1142

■ 80.0788, 76.0849,
85.3282

■ 80.0788, 76.0849,
85.3282

■ 71.8567, 63.1439,
71.7875

■ 89.5335, 91.1459,
100.3440

■ 64.8094, 52.2177,
59.6706

95.0500, 100.0000,
108.9000

■ 58.8823, 43.2066,
48.9300

■ 54.0141, 35.9984,
39.5134

■ 50.1376, 30.4693,
31.3649

■ 47.1769, 26.4793,
24.4240

■ 45.0447, 23.8658,
18.6239

■ 43.6342, 22.4282,
13.8889

■ 43.1510, 22.0244,
11.9931

Harmonies

Analogous

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



78.5534, 76.0849, 96.3921



80.0788, 76.0849, 85.3282



79.4646, 76.0849, 74.5291

Triad

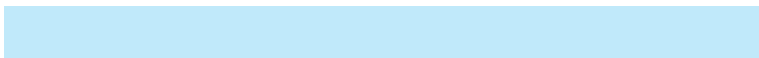
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0788, 76.0849, 85.3282



69.3518, 76.0849, 64.5518



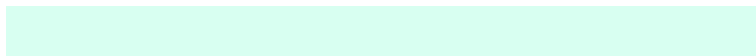
67.9149, 76.0849, 101.4580

Complementary

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



80.0788, 76.0849, 85.3282



79.9585, 92.4710, 96.8570

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.



65.6103, 76.0849, 91.7544



80.0788, 76.0849, 85.3282



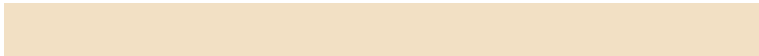
66.4187, 76.0849, 70.6280

Square

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



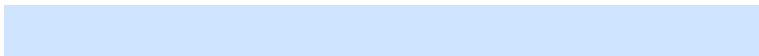
80.0788, 76.0849, 85.3282



73.1789, 76.0849, 63.1667



65.0726, 76.0849, 80.4076



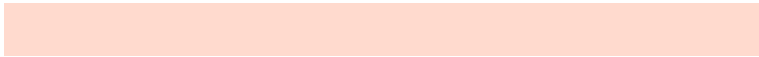
71.4608, 76.0849, 106.2332

Rectangle

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



80.0788, 76.0849, 85.3282



77.9350, 76.0849, 68.8428



65.0726, 76.0849, 80.4076



66.9746, 76.0849, 98.6244

Sweetspot

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



80.0805, 76.0881, 85.3298



89.8283, 91.6179, 100.8047



78.7814, 74.9832, 104.9287



19.0754, 19.3674, 21.3394



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

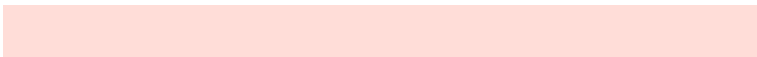
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0805, 76.0881, 85.3298



77.7341, 72.3777, 81.5188



79.5461, 78.0395, 75.8404



18.2787, 18.0948, 20.0849



22.6119, 11.5341, 6.6067



2.2516, 1.1430, 0.9063

Inverse Universe

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



80.0805, 76.0881, 85.3298



77.7341, 72.3777, 81.5188



80.4944, 90.0673, 107.7500



18.2787, 18.0948, 20.0849



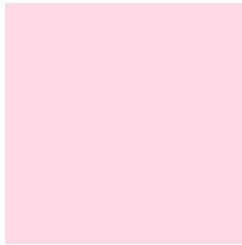
22.6119, 11.5341, 6.6067



2.2516, 1.1430, 0.9063

Previews

White Background



This preview shows how the XYZ color 80.0788, 76.0849, 85.3282 looks on a white background.

Color Contrast Check

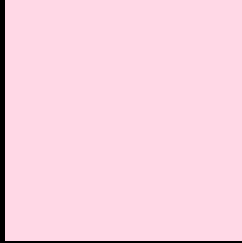
Large Text (above 18pt) WCAG AA × Fail

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 80.0788, 76.0849, 85.3282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

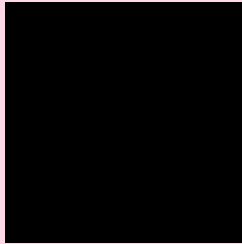
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0788, 76.0849, 85.3282

Background



This preview shows how black text looks on a background with the XYZ color 80.0788, 76.0849, 85.3282.



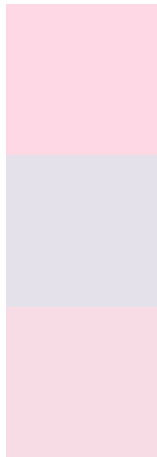
This preview shows how white text looks on a background with the XYZ color 80.0788, 76.0849,

85.3282.

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

80.0788, 76.0849, 85.3282

Protanopia

73.9155, 76.3426, 89.4371

Deuteranopia

77.8321, 76.0943, 84.7142



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

80.0788, 76.0849, 85.3282

Protanomaly

76.0892, 76.3029, 87.8084

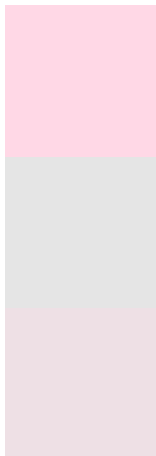
Deuteranomaly

78.6386, 76.1239, 84.6774

Tritanomaly

80.2197, 76.1413, 86.0700

Monochromacy



Original Color

80.0788, 76.0849, 85.3282

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.0584, 77.1456, 85.0106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0788, 76.0849, 85.3282 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 230) }
```

Border

The CSS property to change the border of an element to XYZ 80.0788, 76.0849, 85.3282 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, 230) }
```


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

```
.border{ border-color:rgb(255, 216, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0788, 76.0849, 85.3282 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
216, 230) }
```

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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