

Converting Colors

XYZ(82.7690, 80.6929, 88.6062)

Have a look what the booklet for
XYZ(82.7690, 80.6929, 88.6062)
contains.

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Color

**XYZ(82.6036, 80.4545,
88.2664)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0E9
RGB	255, 224, 233
RGB Percent	100%, 88%, 91%
CMY	0.0000, 0.1215, 0.0863
CMYK	0.00, 0.12, 0.09, 0.00
HSL	343°, 100%, 94%
HSV	343°, 12%, 100%
XYZ	82.6036, 80.4545, 88.2664
YIQ	234.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

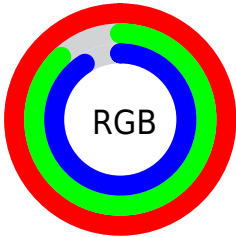
Format	Color
R _Y B	255, 224, 233
Decimal	16769257
CIE Lab	91.89, 12.12, -0.47
CIE LCh	92, 12.125, 357.780
Yxy	80.4545, 0.3287, 0.3201
Android (android.graphics.Color)	4294959337 (0xFFFFE0E9)
YUV	234.2950, -0.6384, 18.1583
Hunter-Lab	89.6964, 7.4162, 4.4428

Details

The XYZ color **82.6036, 80.4545, 88.2664** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1376, 94.0224, 100.9587**, and the grayscale version is **78.4283, 82.5126, 89.8563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4125, 43.5560, 47.6086** is the 20% darker color. If you saturate the color by 10%, you get **73.8032, 66.7812, 73.2245**, and if you desaturate by 10%, it is **92.7008, 96.2960, 105.0511**.

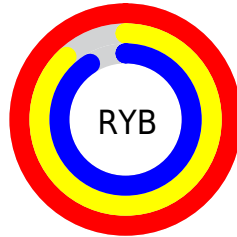
Distribution



Red (100%)

Green (88%)

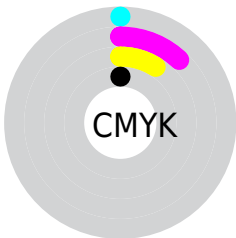
Blue (91%)



Red (100%)

Yellow (88%)

Blue (91%)

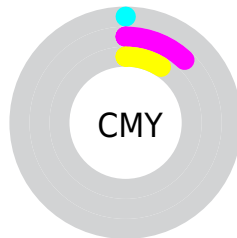


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6036, 80.4545, 88.2664 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 82.6036, 80.4545, 88.2664 by changing the saturation by 10% instead.


 82.6036, 80.4545,
88.2664

 82.6036, 80.4545,
88.2664

492.2684,
496.4632, 542.7991

 62.1790, 60.0924,
65.9781


135.9515,
134.0045, 146.8424

 45.4335, 43.4931,
47.7983


169.6056,
167.9613, 183.9672

 32.0017, 30.2722,
33.3083


208.4002,
207.2184, 226.8746

 21.5184, 20.0453,
22.0897

252.7006,
252.1603, 275.9831

 13.6181, 12.4280,
13.7239

302.8723,
303.1713, 331.7112

 7.9354, 7.0359,
7.7923

359.2806,

 4.1051, 3.4845,

360.6359, 394.4776

3.8765

422.2909,
424.9384, 464.7007

■ 1.7618, 1.3896,
1.5578

■ 0.4945, 0.2091,
0.2605

■ 82.6036, 80.4545,
88.2664

■ 82.6036, 80.4545,
88.2664

■ 73.8032, 66.7812,
73.2245

■ 92.7008, 96.2960,
105.0511

■ 66.2403, 55.1717,
59.8633

95.0500, 100.0000,
108.9000

■ 59.8594, 45.5279,
48.1241

■ 54.5985, 37.7399,
37.9429

■ 50.3898, 31.6866,
29.2513

■ 47.1575, 27.2328,
21.9751

■ 44.8154, 24.2227,
16.0333

■ 43.2604, 22.4686,
11.3348

■ 42.4764, 21.7545,
8.4406

Harmonies

Analogous

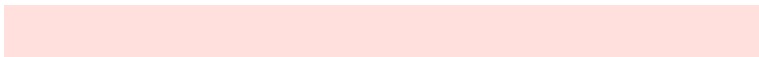
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6424, 80.4545, 97.0557



82.6036, 80.4545, 88.2664



81.8846, 80.4545, 79.8572

Triad

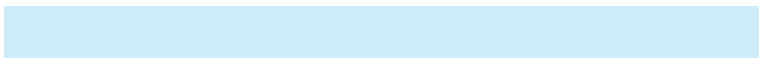
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6036, 80.4545, 88.2664



73.7155, 80.4545, 73.3026



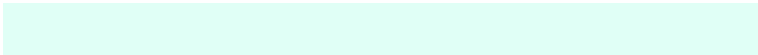
73.3246, 80.4545, 102.9076

Complementary

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



82.6036, 80.4545, 88.2664



83.1376, 94.0224, 100.9587

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.



71.2987, 80.4545, 95.8305



82.6036, 80.4545, 88.2664



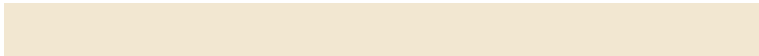
71.5200, 80.4545, 78.7817

Square

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



82.6036, 80.4545, 88.2664



76.7015, 80.4545, 71.5745



70.6470, 80.4545, 86.9395



76.2382, 80.4545, 105.8579

Rectangle

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



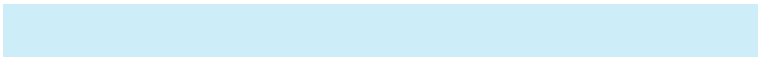
82.6036, 80.4545, 88.2664



80.5598, 80.4545, 75.5175



70.6470, 80.4545, 86.9395



72.5202, 80.4545, 100.9098

Sweetspot

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



82.6055, 80.4578, 88.2681



90.7380, 93.2063, 101.8204



82.6088, 80.0735, 105.7095



19.2532, 19.6851, 21.5156



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

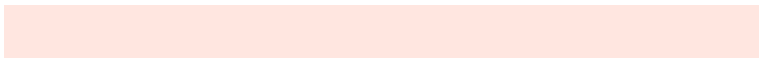
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6055, 80.4578, 88.2681



79.9714, 76.3501, 83.8128



83.0492, 83.3499, 82.2363



18.2262, 18.0738, 19.8082



22.2506, 11.3895, 4.7042



2.2115, 1.1270, 0.6950

Inverse Universe

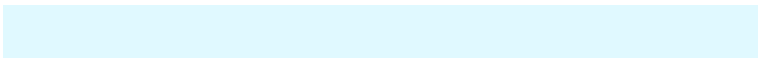
The Inverse Universe completely reimagines the original color for something new.



82.6055, 80.4578, 88.2681



79.9714, 76.3501, 83.8128



82.6066, 90.6968, 107.7601



18.2262, 18.0738, 19.8082



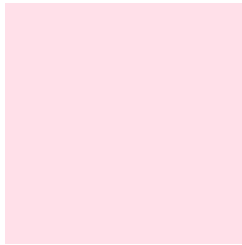
22.2506, 11.3895, 4.7042



2.2115, 1.1270, 0.6950

Previews

White Background



This preview shows how the XYZ color 82.6036, 80.4545, 88.2664 looks on a white background.

Color Contrast Check

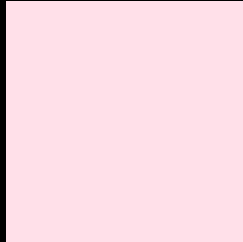
Large Text (above 18pt) WCAG AA × Fail

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 82.6036, 80.4545, 88.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

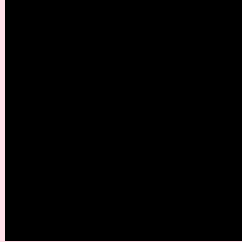
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6036, 80.4545, 88.2664

Background



This preview shows how black text looks on a background with the XYZ color 82.6036, 80.4545, 88.2664.



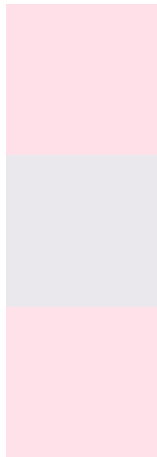
This preview shows how white text looks on a background with the XYZ color 82.6036, 80.4545,

88.2664.

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

82.6036, 80.4545, 88.2664

Protanopia

77.7937, 80.7587, 91.6086

Deuteranopia

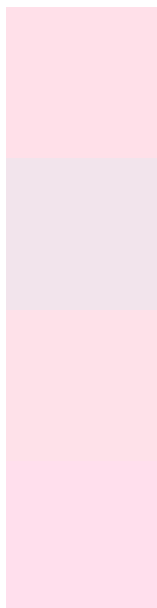
82.5062, 80.8045, 88.3391



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

82.6036, 80.4545, 88.2664

Protanomaly

79.5017, 80.4202, 90.6893

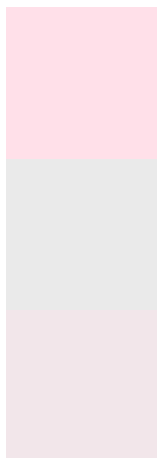
Deuteranomaly

82.5062, 80.8045, 88.3391

Tritanomaly

82.9137, 80.1498, 91.2212

Monochromacy



Original Color

82.6036, 80.4545, 88.2664

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.7660, 81.4114, 89.3517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6036, 80.4545, 88.2664 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, 224, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 233)  
}
```

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, 224, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 233) }
```

Border

The CSS property to change the border of an element to XYZ 82.6036, 80.4545, 88.2664 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, 224, 233) }
```


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

```
.border{ border-color:rgb(255, 224, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6036, 80.4545, 88.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 233) }
```

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

```
.background{ background-color: rgb(255,  
224, 233) }
```

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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