

Converting Colors

XYZ(80.5130, 79.9657, 82.5352)

Have a look what the booklet for
XYZ(80.5130, 79.9657, 82.5352)
contains.

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Color

**XYZ(80.2995, 79.7959,
82.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE1E1
RGB	251, 225, 225
RGB Percent	98%, 88%, 88%
CMY	0.0157, 0.1176, 0.1176
CMYK	0.00, 0.10, 0.10, 0.02
HSL	0°, 76%, 93%
HSV	0°, 10%, 98%
XYZ	80.2995, 79.7959, 82.4041
YIQ	232.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

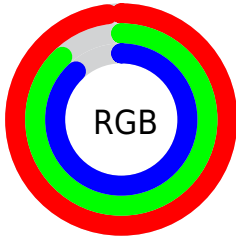
Format	Color
R _Y B	251, 225, 225
Decimal	16507361
CIE Lab	91.59, 8.91, 3.24
CIE LCh	92, 9.482, 20.011
Yxy	79.7959, 0.3311, 0.3291
Android (android.graphics.Color)	4294697441 (0xFFFB E1E1)
YUV	232.7740, -3.8326, 15.9842
Hunter-Lab	89.3286, 4.1328, 7.8359

Details

The XYZ color **80.2995, 79.7959, 82.4041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9608, 91.9653, 104.6463**, and the grayscale version is **77.3038, 81.3296, 88.5679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8786, 43.1211, 44.0408** is the 20% darker color. If you saturate the color by 10%, you get **70.8313, 65.9419, 63.5781**, and if you desaturate by 10%, it is **91.2726, 95.8525, 104.2169**.

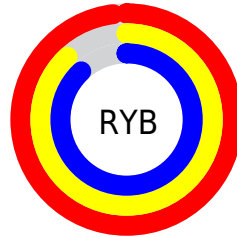
Distribution



Red (98%)

Green (88%)

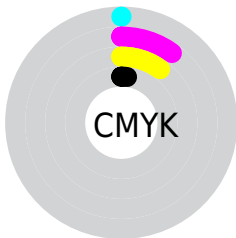
Blue (88%)



Red (98%)

Yellow (88%)

Blue (88%)

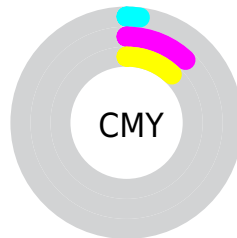


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.2995, 79.7959, 82.4041 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 80.2995, 79.7959, 82.4041 by changing the saturation by 10% instead.


 80.2995, 79.7959,
82.4041

 80.2995, 79.7959,
82.4041


484.6628,
494.2447, 522.9173

 60.2742, 59.5504,
61.1609


132.7350,
133.0787, 138.5823

 43.8900, 43.0564,
43.9237

165.8760,
166.8849, 174.3544

 30.7815, 29.9293,
30.2737


204.1194,
205.9800, 215.8066

 20.5836, 19.7850,
19.7926

247.8308,
250.7486, 263.3574

 12.9307, 12.2388,
12.0618

297.3755,
301.5749, 317.4253

 7.4575, 6.9065,
6.6627

353.1188,

 3.7987, 3.4037,

358.8435, 378.4289

3.1769

415.4261,
422.9386, 446.7867

■ 1.5889, 1.3460,
1.1856

■ 0.3851, 0.1764,
0.0000

■ 80.2995, 79.7959,
82.4041

■ 80.2995, 79.7959,
82.4041

■ 70.8313, 65.9419,
63.5781

■ 91.2726, 95.8525,
104.2169

■ 62.7963, 54.1844,
47.6042

■ 93.5941, 99.2494,
108.8319

■ 56.1265, 44.4247,
34.3448

■ 50.7462, 36.5517,
23.6493

■ 46.5721, 30.4437,
15.3520

■ 43.5113, 25.9645,
9.2680

■ 41.4572, 22.9585,
5.1855

■ 40.2826, 21.2394,
2.8516

■ 39.7845, 20.5104,
1.8620

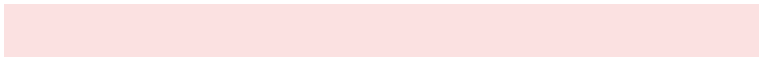
Harmonies

Analogous

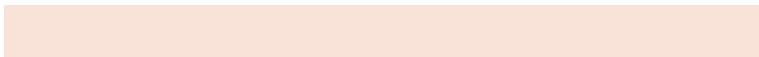
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5182, 79.7959, 89.2158



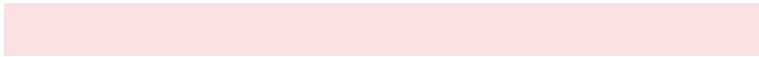
80.2995, 79.7959, 82.4041



78.8728, 79.7959, 77.0706

Triad

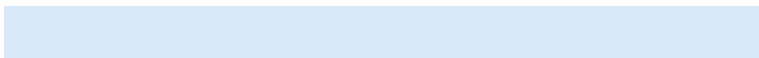
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2995, 79.7959, 82.4041



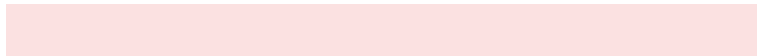
72.3348, 79.7959, 78.6000



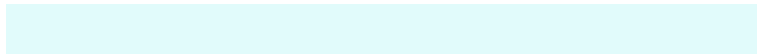
75.0395, 79.7959, 100.6775

Complementary

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



80.2995, 79.7959, 82.4041



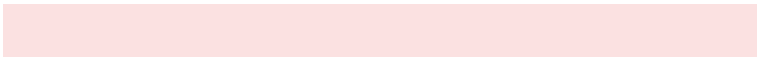
82.9608, 91.9653, 104.6463

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.



72.8930, 79.7959, 97.4973



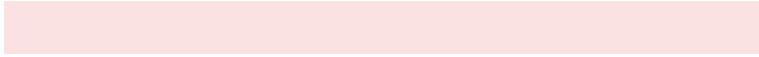
80.2995, 79.7959, 82.4041



71.3535, 79.7959, 84.5935

Square

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



80.2995, 79.7959, 82.4041



74.2627, 79.7959, 74.9566



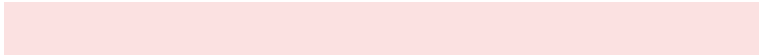
71.5557, 79.7959, 91.5237



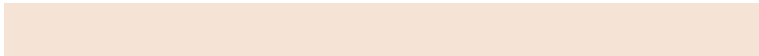
77.4468, 79.7959, 100.0144

Rectangle

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



80.2995, 79.7959, 82.4041



77.4451, 79.7959, 74.9550



71.5557, 79.7959, 91.5237



74.2644, 79.7959, 100.0163

Sweetspot

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



80.3017, 79.7994, 82.4058



91.4509, 94.7336, 101.7446



84.1225, 81.3259, 102.5315



19.3736, 19.9833, 21.3786



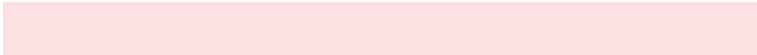
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

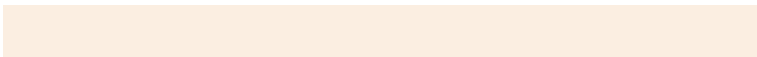
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3017, 79.7994, 82.4058



81.5135, 80.1929, 81.9883



83.9498, 87.0956, 83.6218



17.2449, 17.2257, 17.8784



20.9123, 10.7812, 0.9788



1.9369, 0.9987, 0.0907

Inverse Universe

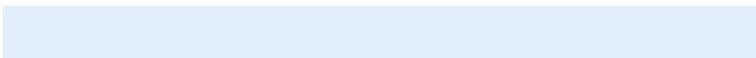
The Inverse Universe completely reimagines the original color for something new.



82.9608, 91.9653, 104.6463



84.6730, 94.6480, 108.4139



79.0395, 84.1228, 103.3392



17.7656, 19.6081, 22.2337



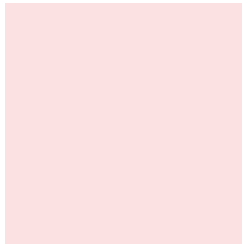
27.2791, 39.9138, 54.2399



2.5266, 3.6969, 5.0236

Previews

White Background



This preview shows how the XYZ color 80.2995, 79.7959, 82.4041 looks on a white background.

Color Contrast Check

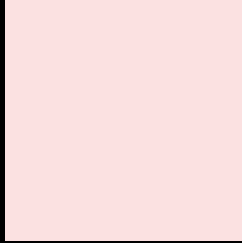
Large Text (above 18pt) WCAG AA × Fail

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 80.2995, 79.7959, 82.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

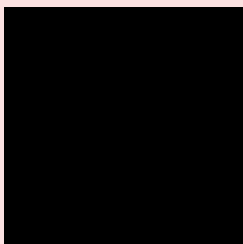
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

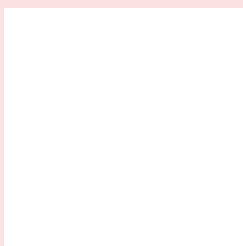
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2995, 79.7959, 82.4041

Background



This preview shows how black text looks on a background with the XYZ color 80.2995, 79.7959, 82.4041.

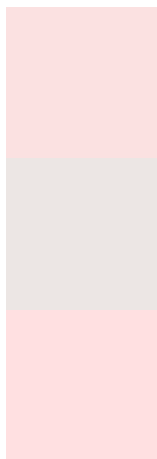


This preview shows how white text looks on a background with the XYZ color 80.2995, 79.7959,

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

80.2995, 79.7959, 82.4041

Protanopia

76.8925, 80.0279, 84.7931

Deuteranopia

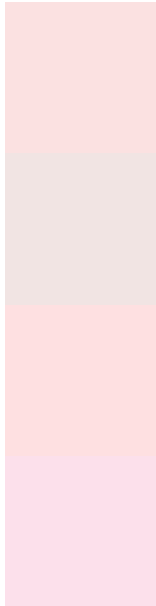
81.4863, 80.0076, 82.3824



Tritanopia

82.6239, 79.9493, 93.5151

Trichromacy



Original Color

80.2995, 79.7959, 82.4041

Protanomaly

77.8842, 79.7336, 83.9582

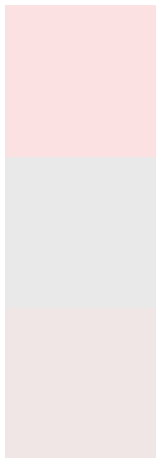
Deuteranomaly

81.1193, 79.8184, 82.3652

Tritanomaly

81.7959, 80.0049, 89.7286

Monochromacy



Original Color

80.2995, 79.7959, 82.4041

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.5149, 80.8321, 86.3269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2995, 79.7959, 82.4041 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, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 225, 225)  
}
```

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, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 80.2995, 79.7959, 82.4041 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, 225, 225) }
```


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

```
.border{ border-color:rgb(251, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2995, 79.7959, 82.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 225, 225) }
```

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

```
.background{ background-color: rgb(251,  
225, 225) }
```

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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