

Converting Colors

XYZ(91.1677, 84.9427, 81.4501)

Have a look what the booklet for
XYZ(91.1677, 84.9427, 81.4501)
contains.

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Color

**XYZ(81.2149, 79.8990,
80.9536)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0DF
RGB	255, 224, 223
RGB Percent	100%, 88%, 87%
CMY	0.0000, 0.1215, 0.1255
CMYK	0.00, 0.12, 0.13, 0.00
HSL	2°, 100%, 94%
HSV	2°, 13%, 100%
XYZ	81.2149, 79.8990, 80.9536
YIQ	233.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

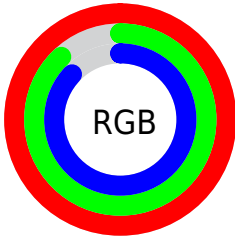
Format	Color
R _Y B	255, 224, 223
Decimal	16769247
CIE Lab	91.64, 10.50, 4.40
CIE LCh	92, 11.384, 22.739
Yxy	79.8990, 0.3355, 0.3301
Android (android.graphics.Color)	4294959327 (0xFFFFE0DF)
YUV	233.1550, -5.0064, 19.1581
Hunter-Lab	89.3862, 5.7563, 8.8737

Details

The XYZ color **81.2149, 79.8990, 80.9536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.9223, 93.7890, 108.2877**, and the grayscale version is **77.5971, 81.6381, 88.9039**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5446, 43.2089, 43.0382** is the 20% darker color. If you saturate the color by 10%, you get **71.8697, 66.3023, 62.1349**, and if you desaturate by 10%, it is **92.0460, 95.6380, 102.8241**.

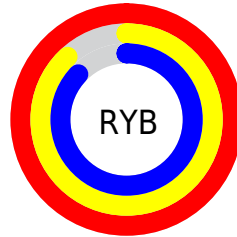
Distribution



Red (100%)

Green (88%)

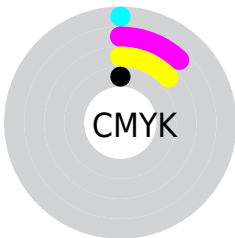
Blue (87%)



Red (100%)

Yellow (88%)

Blue (87%)

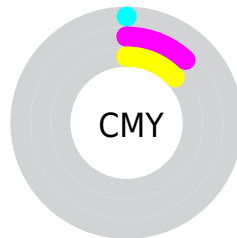


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2149, 79.8990, 80.9536 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 81.2149, 79.8990, 80.9536 by changing the saturation by 10% instead.


 81.2149, 79.8990,
80.9536

 81.2149, 79.8990,
80.9536


487.6922,
494.5924, 517.9320

 61.0305, 59.6352,
59.9726


134.0141,
133.2237, 136.5291

 44.5024, 43.1247,
42.9714


167.3595,
167.0535, 171.9607

 31.2653, 29.9830,
29.5314


205.8227,
206.1740, 213.0462

 20.9538, 19.8257,
19.2342

249.7690,
250.9698, 260.2042

 13.2025, 12.2684,
11.6611

299.5637,
301.8251, 313.8533

 7.6461, 6.9267,
6.3936

355.5723,

 3.9192, 3.4163,

359.1243, 374.4119

3.0132

418.1600,
423.2520, 442.2986

■ 1.6565, 1.3528,
1.1014

■ 0.4288, 0.1815,
0.0000

■ 81.2149, 79.8990,
80.9536

■ 81.2149, 79.8990,
80.9536

■ 71.8697, 66.3023,
62.1349

■ 92.0460, 95.6380,
102.8241

■ 63.9402, 54.7458,
46.2275

95.0500, 100.0000,
108.9000

■ 57.3590, 45.1342,
33.0878

■ 52.0513, 37.3605,
22.5576

■ 47.9345, 31.3076,
14.4629

■ 44.9169, 26.8448,
8.6088

■ 42.8927, 23.8229,
4.7702

■ 41.7361, 22.0641,
2.6752

■ 41.3269, 21.4338,
1.9590

Harmonies

Analogous

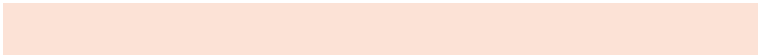
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6231, 79.8990, 89.0357



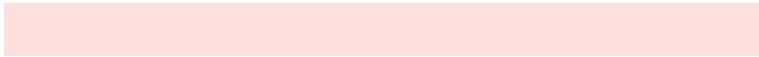
81.2149, 79.8990, 80.9536



79.3767, 79.8990, 74.8663

Triad

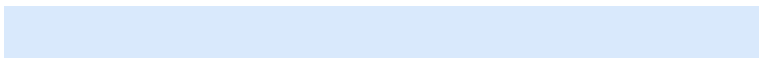
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2149, 79.8990, 80.9536



71.5787, 79.8990, 77.6587



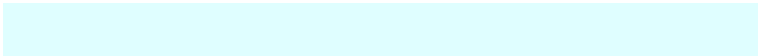
75.2372, 79.8990, 103.8641

Complementary

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



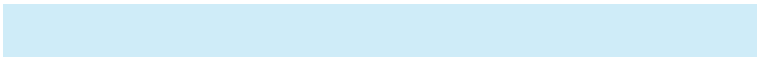
81.2149, 79.8990, 80.9536



83.9223, 93.7890, 108.2877

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.



72.6070, 79.8990, 100.3708



81.2149, 79.8990, 80.9536



70.5301, 79.8990, 84.9886

Square

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



81.2149, 79.8990, 80.9536



73.8012, 79.8990, 73.0504



70.9017, 79.8990, 93.3327



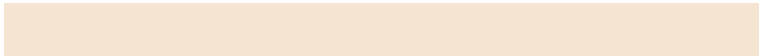
78.1230, 79.8990, 102.6132

Rectangle

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



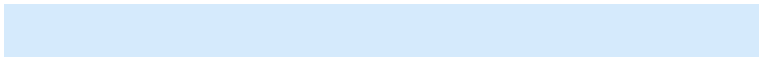
81.2149, 79.8990, 80.9536



77.6125, 79.8990, 72.5856



70.9017, 79.8990, 93.3327



74.2949, 79.8990, 103.1985

Sweetspot

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



81.2168, 79.9024, 80.9553



90.3797, 93.2179, 99.4555



85.5923, 81.2219, 105.3244



19.1629, 19.6880, 20.9195



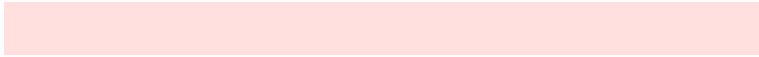
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

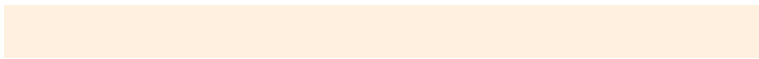
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2168, 79.9024, 80.9553



78.7905, 76.3740, 76.0642



85.5826, 88.6340, 82.4105



18.0551, 18.0783, 18.6822



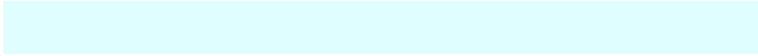
21.6140, 11.2391, 1.0302



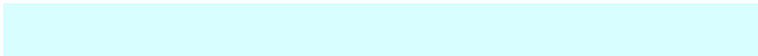
2.1199, 1.1251, 0.1054

Inverse Universe

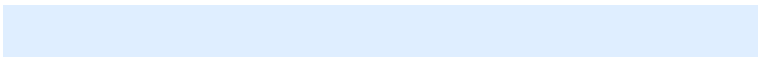
The Inverse Universe completely reimagines the original color for something new.



83.9223, 93.7890, 108.2877



81.9691, 92.6897, 108.1784



79.1927, 84.3299, 106.7111



18.5031, 20.3778, 23.2080



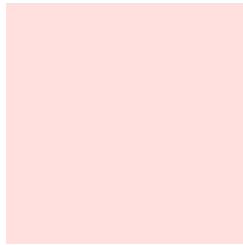
26.8320, 38.5736, 55.4658



2.6273, 3.7853, 5.4054

Previews

White Background



This preview shows how the XYZ color 81.2149, 79.8990, 80.9536 looks on a white background.

Color Contrast Check

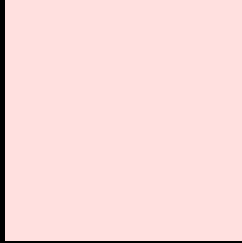
Large Text (above 18pt) WCAG AA × Fail

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 81.2149, 79.8990, 80.9536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

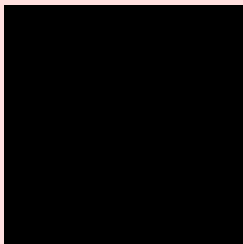
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

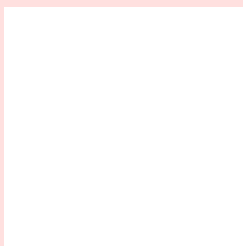
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2149, 79.8990, 80.9536

Background



This preview shows how black text looks on a background with the XYZ color 81.2149, 79.8990, 80.9536.



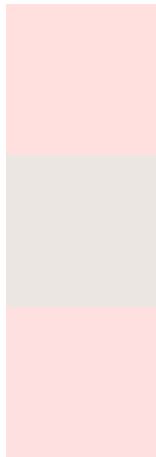
This preview shows how white text looks on a background with the XYZ color 81.2149, 79.8990,

80.9536.

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

81.2149, 79.8990, 80.9536

Protanopia

76.6164, 79.9175, 83.3390

Deuteranopia

81.3502, 79.9531, 81.6659



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

81.2149, 79.8990, 80.9536

Protanomaly

78.2962, 79.9777, 82.5448

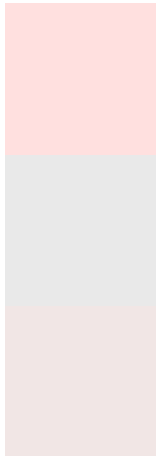
Deuteranomaly

81.3502, 79.9531, 81.6659

Tritanomaly

82.3357, 79.9185, 88.1771

Monochromacy



Original Color

81.2149, 79.8990, 80.9536

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.7153, 80.9515, 85.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2149, 79.8990, 80.9536 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 81.2149, 79.8990, 80.9536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

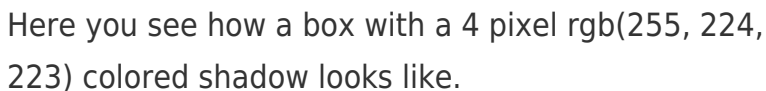
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 224, 223) }
```


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

```
.border{ border-color:rgb(255, 224, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 223); box-shadow:4px 4px 4px 4px rgb(255, 224, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2149, 79.8990, 80.9536 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
224, 223) }
```

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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