

Converting Colors

XYZ(80.3521, 81.4632, 79.1145)

Have a look what the booklet for
XYZ(80.3521, 81.4632, 79.1145)
contains.

XYZ(80.3619, 81.5299, 79.2115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(80.3619, 81.5299,
79.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5DC
RGB	250, 229, 220
RGB Percent	98%, 90%, 86%
CMY	0.0196, 0.1019, 0.1372
CMYK	0.00, 0.08, 0.12, 0.02
HSL	18°, 75%, 92%
HSV	18°, 12%, 98%
XYZ	80.3619, 81.5299, 79.2115
YIQ	234.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

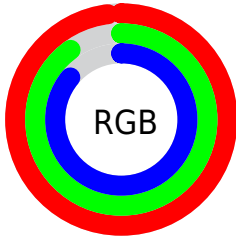
Format	Color
R _Y B	250, 233, 220
Decimal	16442844
CIE Lab	92.37, 5.70, 6.96
CIE LCh	92, 8.997, 50.713
Yxy	81.5299, 0.3333, 0.3382
Android (android.graphics.Color)	4294632924 (0xFFFAE5DC)
YUV	234.2530, -7.0267, 13.8101
Hunter-Lab	90.2939, 0.8513, 11.1928

Details

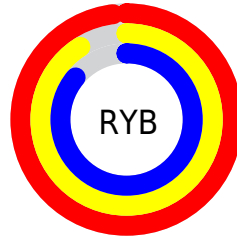
The XYZ color **80.3619, 81.5299, 79.2115** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2255, 85.0267, 102.7321**, and the grayscale version is **78.4436, 82.5288, 89.8739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9199, 44.3262, 41.8383** is the 20% darker color. If you saturate the color by 10%, you get **72.6963, 71.1066, 61.5242**, and if you desaturate by 10%, it is **89.0152, 93.1344, 99.6728**.

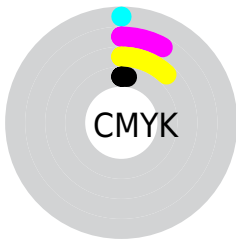
Distribution



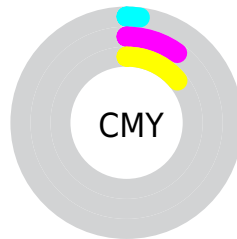
- Red (98%)
- Green (90%)
- Blue (86%)



- Red (98%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3619, 81.5299, 79.2115 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 80.3619, 81.5299, 79.2115 by changing the saturation by 10% instead.

 80.3619, 81.5299,
79.2115

 80.3619, 81.5299,
79.2115

484.8696,
500.0739, 511.9081

 60.3257, 60.9781,
58.5474

132.8223,
135.5146, 134.0579

 43.9317, 44.2075,
41.8313


165.9772,
169.7162, 169.0773

 30.8145, 30.8337,
28.6446


204.2357,
209.2367, 209.7189

 20.6088, 20.4722,
18.5689

247.9631,
254.4602, 256.4011

 12.9491, 12.7388,
11.1855

297.5249,
305.7713, 309.5426

 7.4703, 7.2489,
6.0760

353.2863,

 3.8068, 3.6183,

363.5544, 369.5619

2.8218

415.6128,
428.1938, 436.8776

■ 1.5934, 1.4624,
1.0044

■ 0.3881, 0.2620,
0.0000

■ 80.3619, 81.5299,
79.2115

■ 80.3619, 81.5299,
79.2115

■ 72.6963, 71.1066,
61.5242

■ 89.0152, 93.1344,
99.6728

■ 65.9753, 61.8160,
46.4854

■ 93.2347, 99.0642,
108.8150

■ 60.1625, 53.6224,
33.9679

■ 55.2166, 46.4837,
23.8317

■ 51.0927, 40.3552,
15.9232

■ 47.7414, 35.1887,
10.0704

■ 45.1074, 30.9317,
6.0757

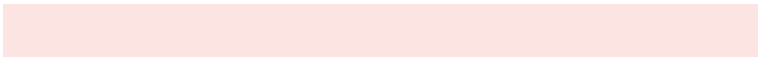
■ 43.1263, 27.5253,
3.7018

■ 41.9433, 25.3615,
2.6846

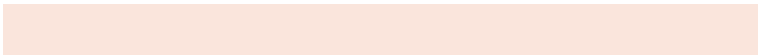
Harmonies

Analogous

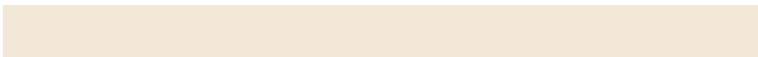
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7562, 81.5299, 84.3131



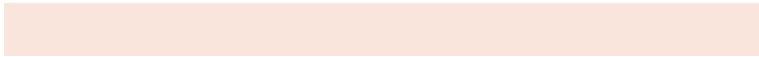
80.3619, 81.5299, 79.2115



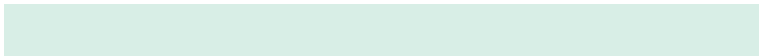
78.2166, 81.5299, 76.7077

Triad

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



80.3619, 81.5299, 79.2115



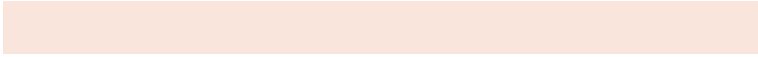
73.1559, 81.5299, 86.7187



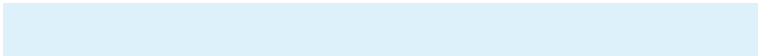
79.0864, 81.5299, 101.3162

Complementary

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



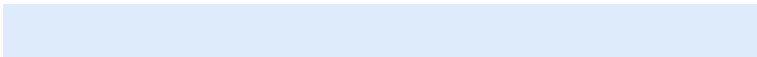
80.3619, 81.5299, 79.2115



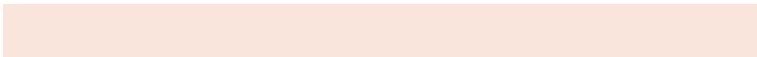
78.2255, 85.0267, 102.7321

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.



76.7713, 81.5299, 102.0397



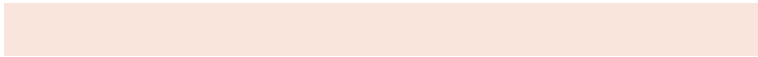
80.3619, 81.5299, 79.2115



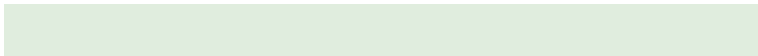
73.3782, 81.5299, 93.3859

Square

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



80.3619, 81.5299, 79.2115



74.0772, 81.5299, 80.8968



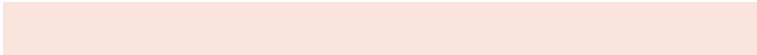
74.6907, 81.5299, 99.0728



81.0095, 81.5299, 97.1429

Rectangle

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



80.3619, 81.5299, 79.2115



76.6623, 81.5299, 76.7580



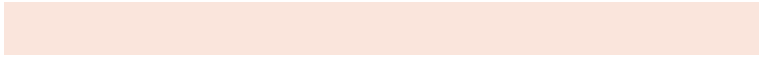
74.6907, 81.5299, 99.0728



78.3271, 81.5299, 101.9789

Sweetspot

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



80.3641, 81.5335, 79.2132



91.2157, 94.8901, 99.7342



80.8957, 77.8624, 93.9853



19.3737, 20.1095, 20.9898



0.0000, 0.0000, 0.0000



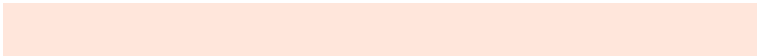
20.3446, 21.4041, 23.3091

Same Dimension

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



80.3641, 81.5335, 79.2132



82.3668, 82.9925, 78.9030



84.6942, 90.1936, 80.6566



17.6693, 18.0744, 18.0198



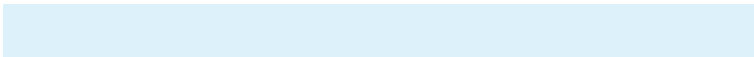
22.3572, 13.6711, 1.4604



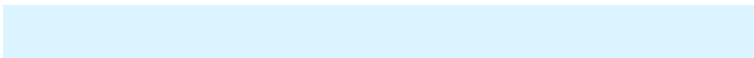
2.1591, 1.4431, 0.1648

Inverse Universe

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



78.2255, 85.0267, 102.7321



79.7902, 87.1994, 107.2335



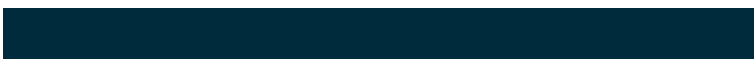
73.9680, 76.5117, 101.3130



17.3003, 18.6774, 22.0786



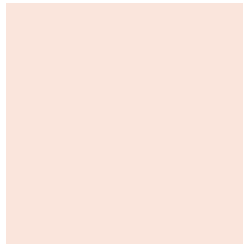
17.4124, 20.1804, 50.9510



1.7054, 2.0546, 4.7499

Previews

White Background



This preview shows how the XYZ color 80.3619, 81.5299, 79.2115 looks on a white background.

Color Contrast Check

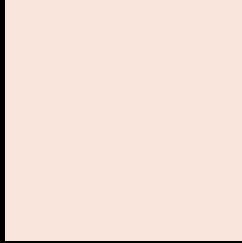
Large Text (above 18pt) WCAG AA × Fail

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 80.3619, 81.5299, 79.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

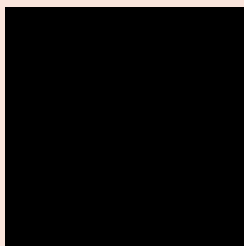
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

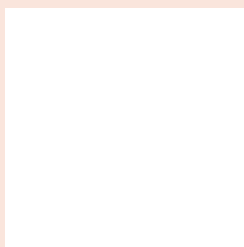
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.3619, 81.5299, 79.2115

Background



This preview shows how black text looks on a background with the XYZ color 80.3619, 81.5299, 79.2115.



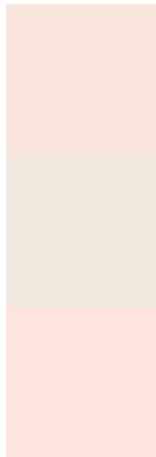
This preview shows how white text looks on a background with the XYZ color 80.3619, 81.5299,

79.2115.

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

80.3619, 81.5299, 79.2115

Protanopia

77.9766, 81.5124, 80.7309

Deuteranopia

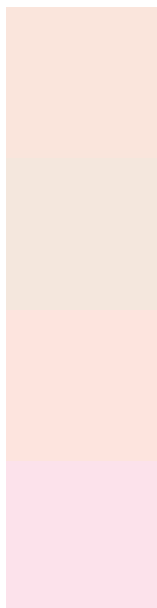
82.0284, 81.5259, 81.2247



Tritanopia

83.6109, 81.2041, 96.0612

Trichromacy



Original Color

80.3619, 81.5299, 79.2115

Protanomaly

78.9353, 81.6054, 79.9977

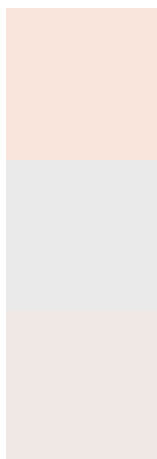
Deuteranomaly

81.4362, 81.6434, 80.5738

Tritanomaly

82.3366, 81.0863, 89.9089

Monochromacy



Original Color

80.3619, 81.5299, 79.2115

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9346, 81.8956, 85.7759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3619, 81.5299, 79.2115 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(250, 229, 220)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 220)  
}
```

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(250, 229, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 220) }
```

Border

The CSS property to change the border of an element to XYZ 80.3619, 81.5299, 79.2115 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(250, 229, 220) }
```


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

```
.border{ border-color:rgb(250, 229, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3619, 81.5299, 79.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 220) }
```

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

```
.background{ background-color: rgb(250,  
229, 220) }
```

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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