

Converting Colors

XYZ(79.1941, 82.3105, 82.6156)

Have a look what the booklet for
XYZ(79.1941, 82.3105, 82.6156)
contains.

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Color

**XYZ(79.3475, 82.5913,
82.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9E1
RGB	242, 233, 225
RGB Percent	95%, 91%, 88%
CMY	0.0510, 0.0863, 0.1176
CMYK	0.00, 0.04, 0.07, 0.05
HSL	28°, 40%, 92%
HSV	28°, 7%, 95%
XYZ	79.3475, 82.5913, 82.9938
YIQ	234.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

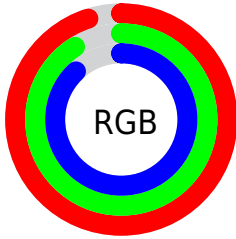
Format	Color
R _Y B	242, 240, 225
Decimal	15919585
CIE Lab	92.84, 1.68, 4.95
CIE LCh	93, 5.230, 71.251
Yxy	82.5913, 0.3240, 0.3372
Android (android.graphics.Color)	4294109665 (0xFF2E9E1)
YUV	234.7790, -4.8210, 6.3328
Hunter-Lab	90.8798, -3.1905, 9.4706

Details

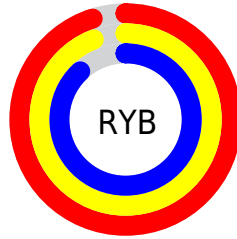
The XYZ color **79.3475, 82.5913, 82.9938** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5011, 81.2628, 95.6587**, and the grayscale version is **78.8308, 82.9361, 90.3174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2275, 44.7857, 44.3964** is the 20% darker color. If you saturate the color by 10%, you get **72.7834, 74.3766, 65.6560**, and if you desaturate by 10%, it is **86.6473, 91.5266, 102.8872**.

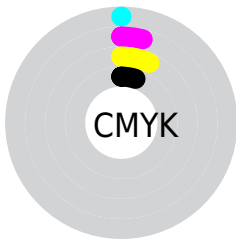
Distribution



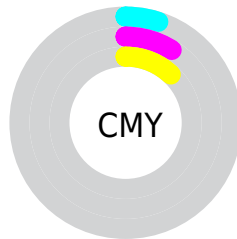
- Red (95%)
- Green (91%)
- Blue (88%)



- Red (95%)
- Yellow (94%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3475, 82.5913, 82.9938 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 79.3475, 82.5913, 82.9938 by changing the saturation by 10% instead.

79.3475, 82.5913,
82.9938

79.3475, 82.5913,
82.9938

481.5012,
503.6234, 524.9363

59.4882, 61.8530,
61.6445

131.4033,
137.0029, 139.4159

43.2541, 44.9140,
44.3115

164.3305,
171.4450, 175.3258

30.2799, 31.3897,
30.5765

202.3444,
211.2239, 216.9263

20.2003, 20.8958,
20.0208

245.8103,
256.7239, 264.6359

12.6498, 13.0478,
12.2260

295.0936,
308.3295, 318.8731

7.2632, 7.4615,
6.7734

350.5596,

3.6750, 3.7523,

366.4250, 380.0566

3.2445

412.5737,
431.3949, 448.6048

■ 1.5200, 1.5360,
1.2208

■ 0.3394, 0.3139,
0.0000

■ 79.3475, 82.5913,
82.9938

■ 79.3475, 82.5913,
82.9938

■ 72.7834, 74.3766,
65.6560

■ 86.6473, 91.5266,
102.8872

■ 66.9230, 66.8528,
50.7636

■ 90.4284, 97.6175,
108.6837

■ 61.7418, 60.0036,
38.2061

■ 57.2114, 53.8082,
27.8622

■ 53.3008, 48.2442,
19.5998

■ 49.9762, 43.2880,
13.2723

■ 47.1998, 38.9138,
8.7138

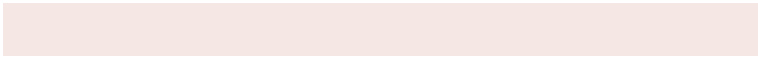
■ 44.9283, 35.0930,
5.7298

■ 43.1073, 31.7921,
4.0713

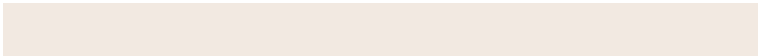
Harmonies

Analogous

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



80.4911, 82.5913, 85.0605



79.3475, 82.5913, 82.9938



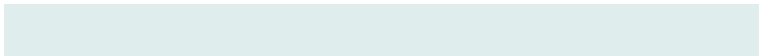
77.9894, 82.5913, 82.7528

Triad

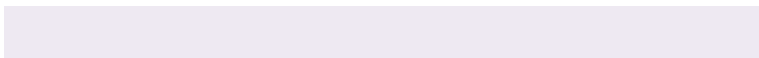
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3475, 82.5913, 82.9938



75.9535, 82.5913, 91.4029



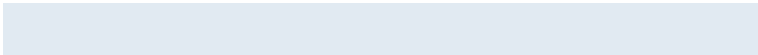
80.2445, 82.5913, 95.7005

Complementary

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



79.3475, 82.5913, 82.9938



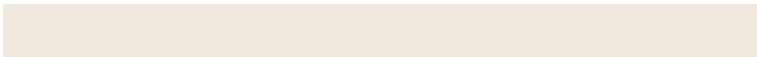
76.5011, 81.2628, 95.6587

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.



79.0139, 82.5913, 97.5062



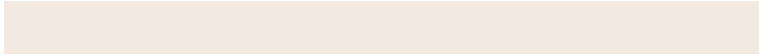
79.3475, 82.5913, 82.9938



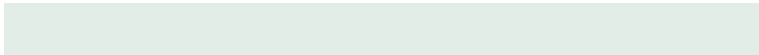
76.5431, 82.5913, 94.9775

Square

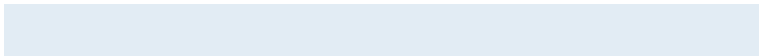
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3475, 82.5913, 82.9938



76.0405, 82.5913, 87.5326



77.6597, 82.5913, 97.2378



81.0131, 82.5913, 92.3665

Rectangle

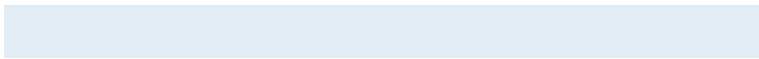
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3475, 82.5913, 82.9938



77.1463, 82.5913, 83.6515



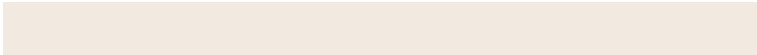
77.6597, 82.5913, 97.2378



79.8705, 82.5913, 96.5106

Sweetspot

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



79.3498, 82.5949, 82.9956



93.3847, 97.9660, 104.3477



78.4052, 78.6732, 88.9463



20.0057, 20.9902, 22.3824



0.0000, 0.0000, 0.0000



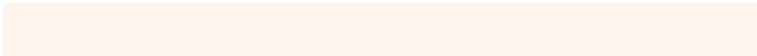
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3498, 82.5949, 82.9956



88.5901, 92.0599, 91.3947



81.7934, 87.4821, 83.8101



16.3865, 16.9861, 16.5647



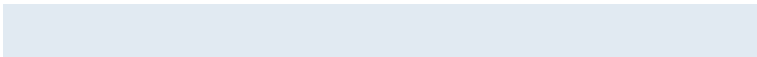
23.0350, 16.8680, 2.0418



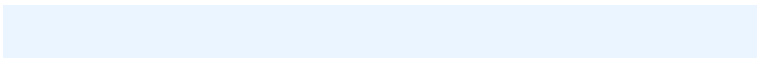
2.0151, 1.6009, 0.2028

Inverse Universe

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



76.5011, 81.2628, 95.6587



84.9510, 90.3582, 107.5712



74.1582, 76.5769, 94.8778



15.5897, 16.6135, 20.1067



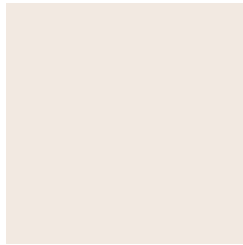
12.8988, 12.0219, 46.7685



1.1726, 1.1992, 3.9239

Previews

White Background



This preview shows how the XYZ color 79.3475, 82.5913, 82.9938 looks on a white background.

Color Contrast Check

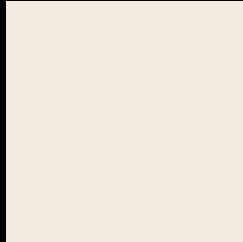
Large Text (above 18pt) WCAG AA × Fail

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 79.3475, 82.5913, 82.9938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

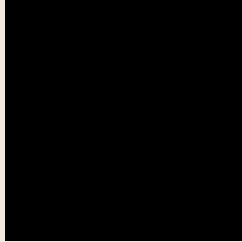
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

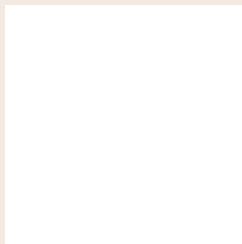
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3475, 82.5913, 82.9938

Background



This preview shows how black text looks on a background with the XYZ color 79.3475, 82.5913, 82.9938.



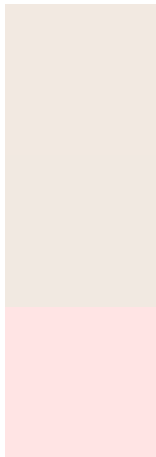
This preview shows how white text looks on a background with the XYZ color 79.3475, 82.5913,

82.9938.

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

79.3475, 82.5913, 82.9938

Protanopia

79.0051, 82.4148, 82.9778

Deuteranopia

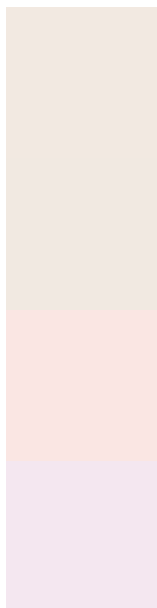
82.9870, 82.3482, 84.9197



Tritanopia

82.8963, 82.7834, 100.4166

Trichromacy



Original Color

79.3475, 82.5913, 82.9938

Protanomaly

79.0051, 82.4148, 82.9778

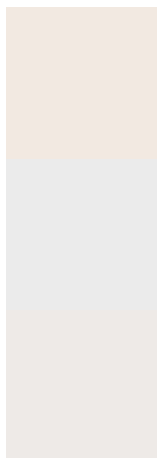
Deuteranomaly

81.5863, 82.4637, 84.2901

Tritanomaly

81.6123, 82.6762, 94.0947

Monochromacy



Original Color

79.3475, 82.5913, 82.9938

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1065, 82.7923, 87.4125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3475, 82.5913, 82.9938 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(242, 233, 225) looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 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(242, 233, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.3475, 82.5913, 82.9938 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(242, 233, 225) }
```


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

```
.border{ border-color:rgb(242, 233, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3475, 82.5913, 82.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 225) }
```

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

```
.background{ background-color: rgb(242,  
233, 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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