

Converting Colors

XYZ(78.7366, 81.8917, 89.1681)

Have a look what the booklet for
XYZ(78.7366, 81.8917, 89.1681)
contains.

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Color

**XYZ(78.6329, 81.6583,
89.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE8EA
RGB	237, 232, 234
RGB Percent	93%, 91%, 92%
CMY	0.0706, 0.0902, 0.0823
CMYK	0.00, 0.02, 0.01, 0.07
HSL	336°, 12%, 92%
HSV	336°, 2%, 93%
XYZ	78.6329, 81.6583, 89.4591
YIQ	233.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

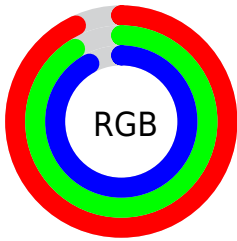
Format	Color
R _Y B	237, 232, 234
Decimal	15591658
CIE Lab	92.42, 2.04, -0.38
CIE LCh	92, 2.072, 349.360
Yxy	81.6583, 0.3148, 0.3270
Android (android.graphics.Color)	4293781738 (0xFFE8E8EA)
YUV	233.7230, 0.1366, 2.8739
Hunter-Lab	90.3650, -2.8134, 4.5599

Details

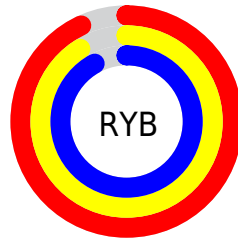
The XYZ color **78.6329, 81.6583, 89.4591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.5613, 83.7243, 90.6212**, and the grayscale version is **77.9971, 82.0590, 89.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6173, 44.0888, 48.3833** is the 20% darker color. If you saturate the color by 10%, you get **70.4438, 68.4208, 77.0444**, and if you desaturate by 10%, it is **87.6649, 96.3165, 102.9671**.

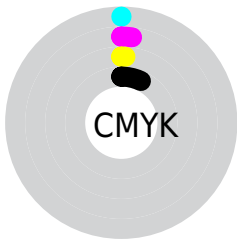
Distribution



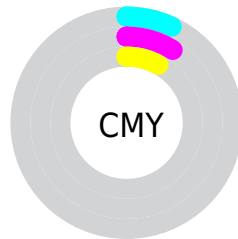
- Red (93%)
- Green (91%)
- Blue (92%)



- Red (93%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6329, 81.6583, 89.4591 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 78.6329, 81.6583, 89.4591 by changing the saturation by 10% instead.

78.6329, 81.6583,
89.4591

78.6329, 81.6583,
89.4591

479.1206,
500.5040, 546.7944

58.8986, 61.0839,
66.9609

130.4026,
135.6947, 148.5158

42.7776, 44.2929,
48.5915

163.1687,
169.9255, 185.9114

29.9044, 30.9008,
33.9322

201.0095,
209.4773, 229.1098

19.9137, 20.5234,
22.5646

244.2902,
254.7344, 278.5297

12.4403, 12.7760,
14.0701

293.3764,
306.0812, 334.5896

7.1186, 7.2745,
8.0301

348.6333,

3.5834, 3.6344,

363.9022, 397.7080

4.0262

410.4262,
428.5816, 468.3034

■ 1.4692, 1.4712,
1.6397

■ 0.3048, 0.2683,
0.3189

■ 78.6329, 81.6583,
89.4591

■ 78.6329, 81.6583,
89.4591

■ 70.4438, 68.4208,
77.0444

■ 87.6649, 96.3165,
102.9671

■ 63.2766, 56.9717,
65.7607

■ 88.7355, 96.7447,
108.6045

■ 57.0916, 47.2366,
55.5762

■ 51.8437, 39.1318,
46.4554

■ 47.4840, 32.5668,
38.3607

■ 43.9592, 27.4418,
31.2520

■ 41.2096, 23.6453,
25.0861

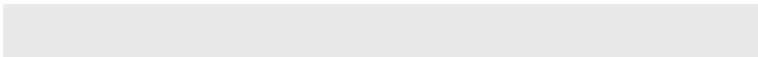
■ 39.1672, 21.0492,
19.8157

■ 37.7507, 19.4995,
15.3876

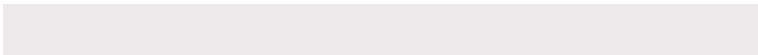
Harmonies

Analogous

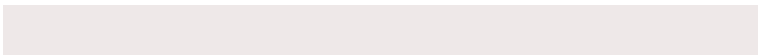
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3998, 81.6583, 90.8518



78.6329, 81.6583, 89.4591



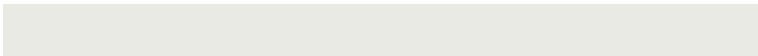
78.5919, 81.6583, 87.9354

Triad

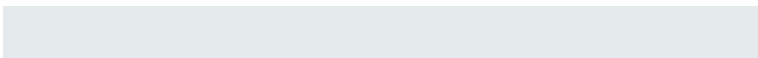
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6329, 81.6583, 89.4591



77.2720, 81.6583, 86.1514



76.9433, 81.6583, 91.1747

Complementary

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



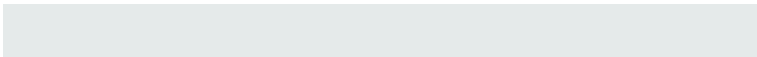
78.6329, 81.6583, 89.4591



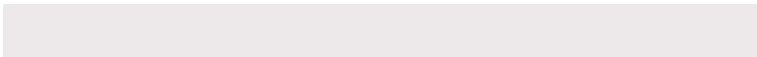
78.5613, 83.7243, 90.6212

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.



76.6438, 81.6583, 89.8958



78.6329, 81.6583, 89.4591



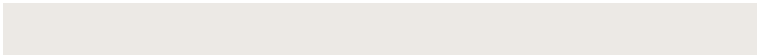
76.8330, 81.6583, 87.0000

Square

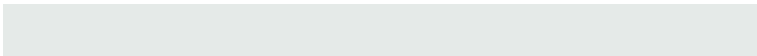
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



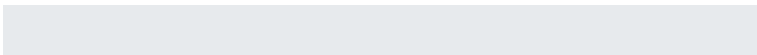
78.6329, 81.6583, 89.4591



77.8046, 81.6583, 86.0375



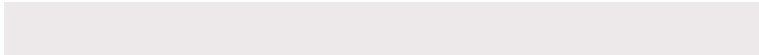
76.6035, 81.6583, 88.3671



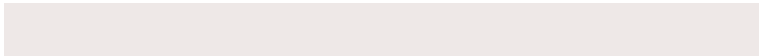
77.4233, 81.6583, 91.8498

Rectangle

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



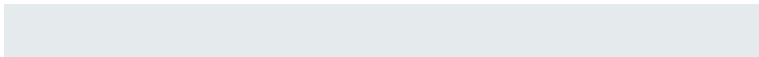
78.6329, 81.6583, 89.4591



78.4148, 81.6583, 87.0499



76.6035, 81.6583, 88.3671



76.8182, 81.6583, 90.8004

Sweetspot

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



78.6352, 81.6618, 89.4609



93.9963, 98.2856, 107.3374



78.4064, 81.4937, 91.7191



20.1302, 21.0552, 22.9911



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

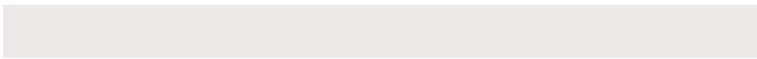
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6352, 81.6618, 89.4609



91.9270, 94.9235, 104.2539



78.4908, 81.8294, 88.0060



16.3028, 16.7516, 18.4381



20.2484, 10.3020, 7.1093



1.6363, 0.8275, 0.8023

Inverse Universe

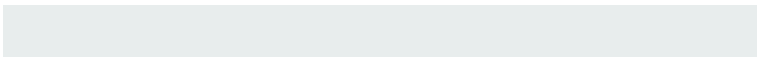
The Inverse Universe completely reimagines the original color for something new.



78.6352, 81.6618, 89.4609



91.9270, 94.9235, 104.2539



78.7069, 83.5515, 92.1005



16.3028, 16.7516, 18.4381



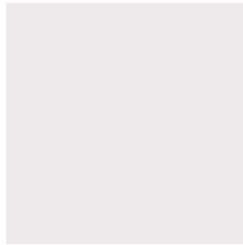
20.2484, 10.3020, 7.1093



1.6363, 0.8275, 0.8023

Previews

White Background



This preview shows how the XYZ color 78.6329, 81.6583, 89.4591 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 78.6329, 81.6583, 89.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

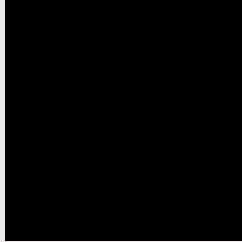
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

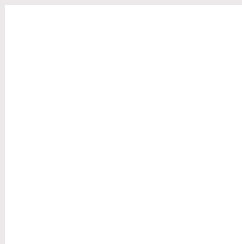
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6329, 81.6583, 89.4591

Background



This preview shows how black text looks on a background with the XYZ color 78.6329, 81.6583, 89.4591.



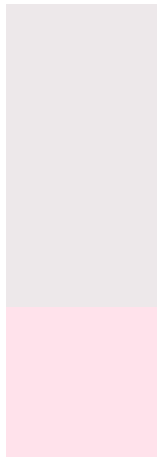
This preview shows how white text looks on a background with the XYZ color 78.6329, 81.6583,

89.4591.

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

78.6329, 81.6583, 89.4591

Protanopia

78.6329, 81.6583, 89.4591

Deuteranopia

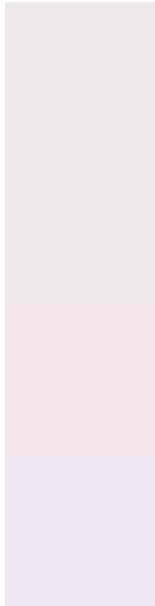
83.4318, 81.6509, 89.9601



Tritanopia

80.8367, 81.7217, 100.3202

Trichromacy



Original Color

78.6329, 81.6583, 89.4591

Protanomaly

78.6329, 81.6583, 89.4591

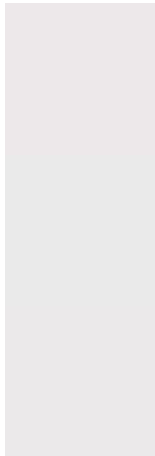
Deuteranomaly

81.4502, 81.4414, 90.0241

Tritanomaly

80.0135, 81.8000, 96.3658

Monochromacy



Original Color

78.6329, 81.6583, 89.4591

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2511, 81.8805, 89.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6329, 81.6583, 89.4591 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(237, 232, 234) looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 234)  
}
```

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(237, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 234) }
```

Border

The CSS property to change the border of an element to XYZ 78.6329, 81.6583, 89.4591 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(237, 232, 234) }
```


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

```
.border{ border-color:rgb(237, 232, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6329, 81.6583, 89.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 234) }
```

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

```
.background{ background-color: rgb(237,  
232, 234) }
```

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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