

Converting Colors

XYZ(79.7648, 82.5754, 92.4558)

Have a look what the booklet for
XYZ(79.7648, 82.5754, 92.4558)
contains.

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Color

**XYZ(79.8314, 82.6280,
92.6302)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE9EE
RGB	238, 233, 238
RGB Percent	93%, 91%, 93%
CMY	0.0667, 0.0863, 0.0667
CMYK	0.00, 0.02, 0.00, 0.07
HSL	300°, 13%, 92%
HSV	300°, 2%, 93%
XYZ	79.8314, 82.6280, 92.6302
YIQ	235.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

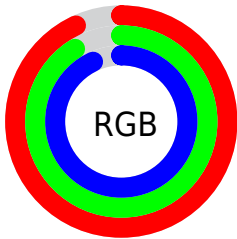
Format	Color
R _{YB}	238, 233, 238
Decimal	15657454
CIE Lab	92.85, 2.57, -1.83
CIE LCh	93, 3.154, 324.464
Yxy	82.6280, 0.3130, 0.3239
Android (android.graphics.Color)	4293847534 (0xFFEEE9EE)
YUV	235.0650, 1.4470, 2.5740
Hunter-Lab	90.8999, -2.3102, 3.2114

Details

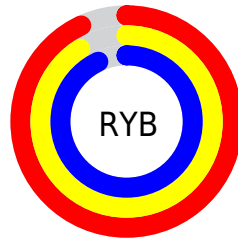
The XYZ color **79.8314, 82.6280, 92.6302** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8900, 84.3582, 89.2198**, and the grayscale version is **79.0057, 83.1202, 90.5179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4570, 44.7668, 50.6064** is the 20% darker color. If you saturate the color by 10%, you get **73.5438, 70.0522, 90.5355**, and if you desaturate by 10%, it is **86.4536, 95.8707, 94.8385**.

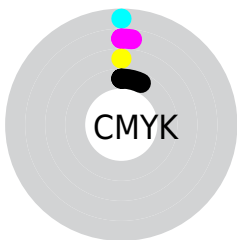
Distribution



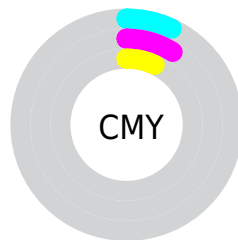
- Red (93%)
- Green (91%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8314, 82.6280, 92.6302 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 79.8314, 82.6280, 92.6302 by changing the saturation by 10% instead.

79.8314, 82.6280,
92.6302

79.8314, 82.6280,
92.6302

483.1097,
503.7459, 557.3395

59.8876, 61.8833,
69.5782

132.0804,
137.0543, 152.9538

43.5772, 44.9384,
50.7081

165.1164,
171.5048, 191.0625

30.5347, 31.4089,
35.6012

203.2471,
211.2925, 235.0272

20.3949, 20.9104,
23.8391

246.8380,
256.8021, 285.2664

12.7923, 13.0585,
15.0032

296.2543,
308.4178, 342.1988

7.3617, 7.4689,
8.6750

351.8614,

3.7377, 3.7570,

366.5241, 406.2427

4.4359

414.0248,
431.5053, 477.8167

■ 1.5548, 1.5386,
1.8674

■ 0.3627, 0.3157,
0.4719

■ 79.8314, 82.6280,
92.6302

■ 79.8314, 82.6280,
92.6302

■ 73.5438, 70.0522,
90.5355

■ 86.4536, 95.8707,
94.8385

■ 68.1265, 59.2180,
88.7298

■ 86.4539, 95.8709,
94.8385

■ 63.5432, 50.0518,
87.2021

■ 86.4542, 95.8710,
94.8385

■ 59.7525, 42.4709,
85.9386

■ 86.4545, 95.8712,
94.8386

56.7095, 36.3854,
84.9244

86.4548, 95.8714,
94.8386

54.3648, 31.6964,
84.1429

86.4552, 95.8715,
94.8386

52.6629, 28.2932,
83.5757

86.4555, 95.8717,
94.8386

51.5402, 26.0483,
83.2016

86.4558, 95.8719,
94.8386

50.9199, 24.8082,
82.9949

86.4561, 95.8720,
94.8386

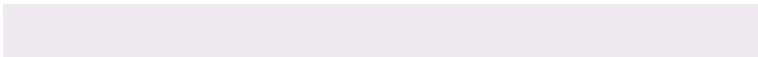
Harmonies

Analogous

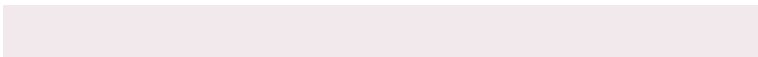
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1932, 82.6280, 94.1603



79.8314, 82.6280, 92.6302



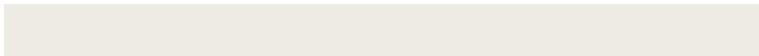
80.1225, 82.6280, 90.4062

Triad

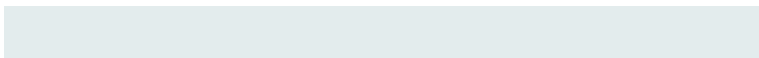
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8314, 82.6280, 92.6302



78.6883, 82.6280, 85.5279



77.1025, 82.6280, 91.8595

Complementary

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



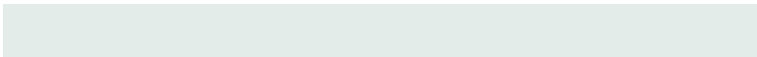
79.8314, 82.6280, 92.6302



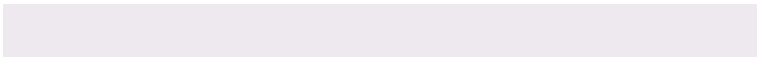
78.8900, 84.3582, 89.2198

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.



76.9694, 82.6280, 89.5309



79.8314, 82.6280, 92.6302



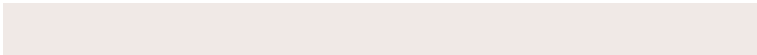
77.8813, 82.6280, 85.9017

Square

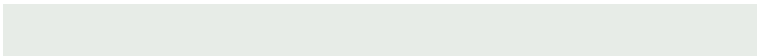
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8314, 82.6280, 92.6302



79.4596, 82.6280, 86.3268



77.2536, 82.6280, 87.3570



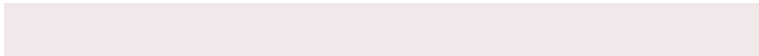
77.6184, 82.6280, 93.7099

Rectangle

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



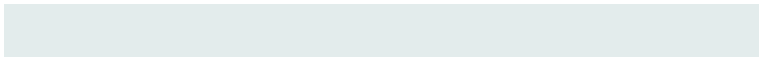
79.8314, 82.6280, 92.6302



80.0791, 82.6280, 88.8396



77.2536, 82.6280, 87.3570



77.0117, 82.6280, 91.1056

Sweetspot

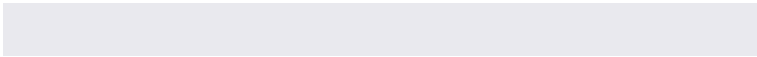
The Sweet Spot groups the original color and five complimentary colors.



79.8338, 82.6316, 92.6320



94.2419, 98.3838, 108.6306



78.2031, 81.8259, 92.5624



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

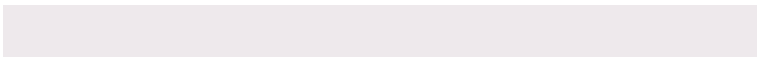
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8338, 82.6316, 92.6320



92.6578, 95.2157, 108.1026



79.4813, 82.4906, 90.7757



17.2431, 17.6090, 20.2117



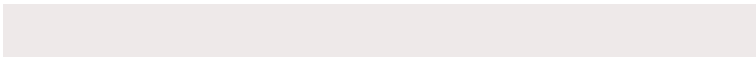
28.2796, 13.5840, 46.2594



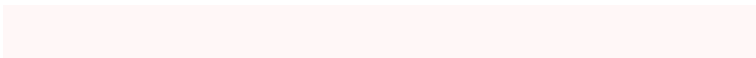
2.3526, 1.1301, 3.8483

Inverse Universe

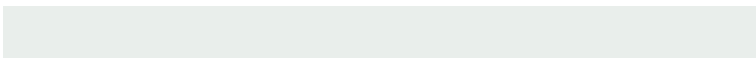
The Inverse Universe completely reimagines the original color for something new.



79.1098, 82.3420, 88.8192



91.4505, 94.7329, 101.7447



79.2374, 84.4971, 91.0494



16.9598, 17.4957, 18.7197



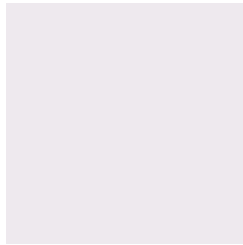
19.6715, 10.1410, 0.9208



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 79.8314, 82.6280, 92.6302 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 79.8314, 82.6280, 92.6302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

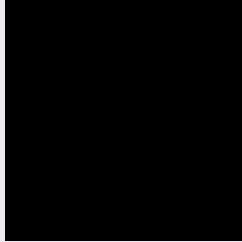
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

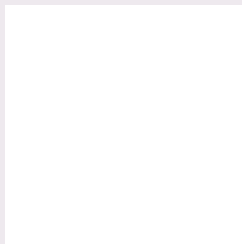
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8314, 82.6280, 92.6302

Background



This preview shows how black text looks on a background with the XYZ color 79.8314, 82.6280, 92.6302.



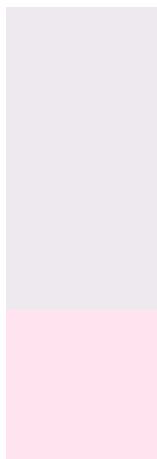
This preview shows how white text looks on a background with the XYZ color 79.8314, 82.6280,

92.6302.

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

79.8314, 82.6280, 92.6302

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

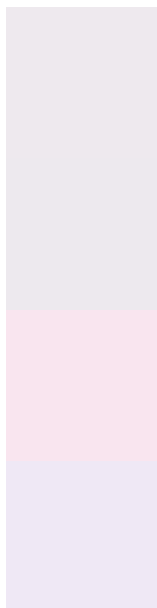
84.2891, 82.4302, 93.1295



Tritanopia

81.6100, 82.5166, 101.2485

Trichromacy



Original Color

79.8314, 82.6280, 92.6302

Protanomaly

79.4966, 82.4554, 92.6145

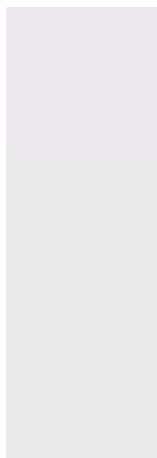
Deuteranomaly

82.6662, 82.4104, 93.2112

Tritanomaly

80.9346, 82.6565, 98.0748

Monochromacy



Original Color

79.8314, 82.6280, 92.6302

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.1552, 82.7346, 91.1543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8314, 82.6280, 92.6302 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(238, 233, 238) looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 238)  
}
```

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(238, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.8314, 82.6280, 92.6302 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(238, 233, 238) }
```


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

```
.border{ border-color:rgb(238, 233, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8314, 82.6280, 92.6302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 233, 238) }
```

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

```
.background{ background-color: rgb(238,  
233, 238) }
```

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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