

Converting Colors

XYZ(80.2628, 82.8340, 95.1622)

Have a look what the booklet for
XYZ(80.2628, 82.8340, 95.1622)
contains.

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Color

**XYZ(80.2760, 82.8058,
94.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE9F1
RGB	238, 233, 241
RGB Percent	93%, 91%, 95%
CMY	0.0667, 0.0863, 0.0549
CMYK	0.01, 0.03, 0.00, 0.05
HSL	277°, 22%, 93%
HSV	277°, 3%, 95%
XYZ	80.2760, 82.8058, 94.9712
YIQ	235.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

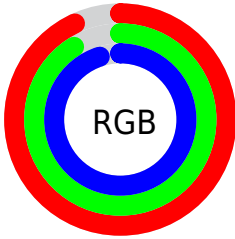
Format	Color
R _Y B	238, 233, 241
Decimal	15657457
CIE Lab	92.93, 3.10, -3.28
CIE LCh	93, 4.518, 313.409
Yxy	82.8058, 0.3111, 0.3209
Android (android.graphics.Color)	4293847537 (0xFFEEE9F1)
YUV	235.4070, 2.7573, 2.2741
Hunter-Lab	90.9977, -1.7775, 1.8194

Details

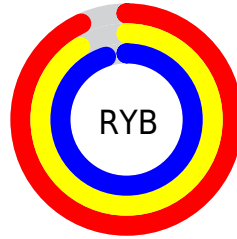
The XYZ color **80.2760, 82.8058, 94.9712** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.7584, 86.6288, 89.5595**, and the grayscale version is **79.2572, 83.3847, 90.8060**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7705, 44.8921, 52.2570** is the 20% darker color. If you saturate the color by 10%, you get **70.9551, 68.5569, 92.7134**, and if you desaturate by 10%, it is **90.0104, 97.6530, 97.3252**.

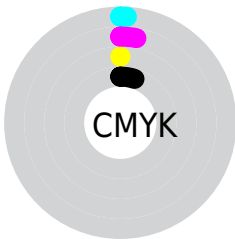
Distribution



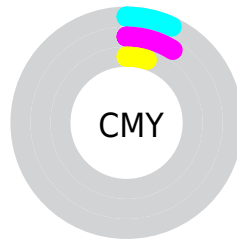
- Red (93%)
- Green (91%)
- Blue (95%)



- Red (93%)
- Yellow (91%)
- Blue (95%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2760, 82.8058, 94.9712 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 80.2760, 82.8058, 94.9712 by changing the saturation by 10% instead.

80.2760, 82.8058,
94.9712

80.2760, 82.8058,
94.9712

484.5849,
504.3391, 565.0548

60.2547, 62.0300,
71.5142

132.7022,
137.3034, 156.2201

43.8742, 45.0569,
52.2776

165.8378,
171.7940, 194.8490

30.7691, 31.5023,
36.8426

204.0757,
211.6250, 239.3724

20.5741, 20.9816,
24.7908

247.7810,
257.1807, 290.2088

12.9237, 13.1106,
15.7037

297.3193,
308.8456, 347.7767

7.4527, 7.5047,
9.1626

353.0557,

3.7956, 3.7797,

367.0040, 412.4946

4.7492

415.3558,
432.0404, 484.7811

■ 1.5872, 1.5511,
2.0447

■ 0.3840, 0.3243,
0.5826

■ 80.2760, 82.8058,
94.9712

■ 80.2760, 82.8058,
94.9712

■ 70.9551, 68.5569,
92.7134

■ 90.0104, 97.6530,
97.3252

■ 62.6763, 56.1704,
90.7589

■ 92.8774, 99.1310,
97.4594

■ 55.3996, 45.5685,
89.0960

■ 49.0798, 36.6638,
87.7104

■ 43.6674, 29.3615,
86.5861

■ 39.1085, 23.5569,
85.7060

■ 35.3425, 19.1328,
85.0506

■ 32.2999, 15.9537,
84.5973

■ 29.8965, 13.8554,
84.3190

Harmonies

Analogous

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



79.2325, 82.8058, 96.6397



80.2760, 82.8058, 94.9712



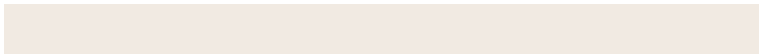
80.9018, 82.8058, 92.0320

Triad

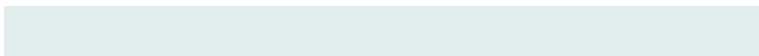
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2760, 82.8058, 94.9712



79.3549, 82.8058, 84.0685



76.5151, 82.8058, 91.6787

Complementary

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



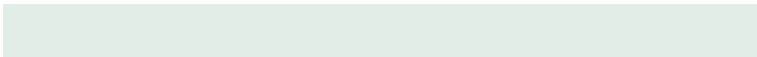
80.2760, 82.8058, 94.9712



80.7584, 86.6288, 89.5595

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.



76.5472, 82.8058, 88.3164



80.2760, 82.8058, 94.9712



78.1788, 82.8058, 83.9793

Square

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



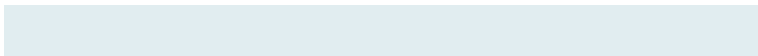
80.2760, 82.8058, 94.9712



80.3664, 82.8058, 85.7637



77.1535, 82.8058, 85.5169



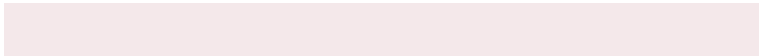
77.0655, 82.8058, 94.7070

Rectangle

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



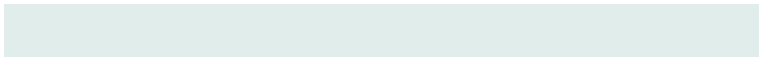
80.2760, 82.8058, 94.9712



80.9941, 82.8058, 89.7751



77.1535, 82.8058, 85.5169



76.4583, 82.8058, 90.5489

Sweetspot

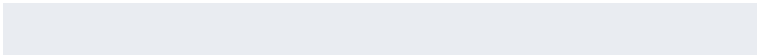
The Sweet Spot groups the original color and five complimentary colors.



80.2784, 82.8094, 94.9730



93.8908, 98.2028, 108.6142



79.4993, 83.7071, 95.1874



20.1087, 21.0384, 23.2509



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.



80.2784, 82.8094, 94.9730



90.4881, 92.9453, 107.7787



81.1550, 83.2773, 94.2884



16.7996, 17.1787, 20.1520



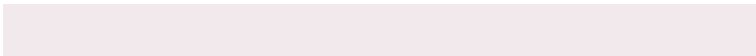
15.6433, 7.0698, 45.6680



1.4112, 0.6448, 3.8043

Inverse Universe

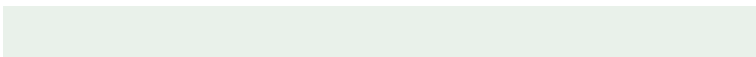
The Inverse Universe completely reimagines the original color for something new.



80.5577, 83.0384, 91.1431



90.8726, 93.2601, 102.5290



79.9043, 86.1731, 90.2171



16.8847, 17.2483, 18.9946



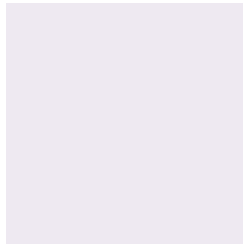
20.7419, 10.5692, 6.5575



1.7723, 0.8980, 0.7916

Previews

White Background



This preview shows how the XYZ color 80.2760, 82.8058, 94.9712 looks on a white background.

Color Contrast Check

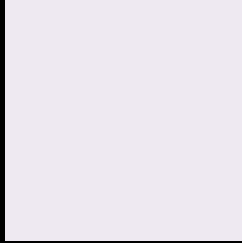
Large Text (above 18pt) WCAG AA × Fail

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 80.2760, 82.8058, 94.9712 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

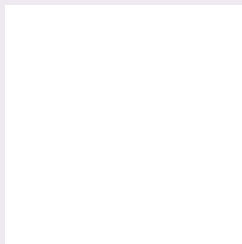
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2760, 82.8058, 94.9712

Background



This preview shows how black text looks on a background with the XYZ color 80.2760, 82.8058, 94.9712.



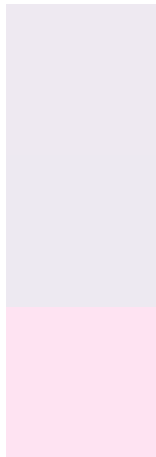
This preview shows how white text looks on a background with the XYZ color 80.2760, 82.8058,

94.9712.

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

80.2760, 82.8058, 94.9712

Protanopia

79.9411, 82.6332, 94.9555

Deuteranopia

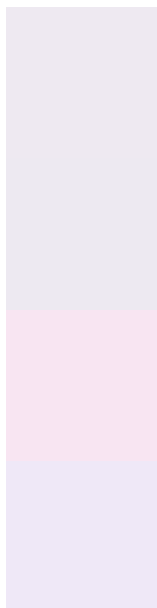
84.3691, 82.4198, 95.4663



Tritanopia

81.7085, 82.9661, 102.1500

Trichromacy



Original Color

80.2760, 82.8058, 94.9712

Protanomaly

79.9411, 82.6332, 94.9555

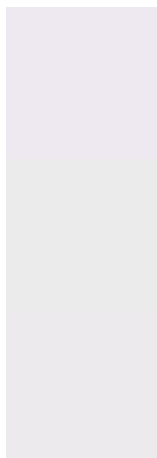
Deuteranomaly

82.7577, 82.4059, 95.5485

Tritanomaly

81.2417, 82.7793, 99.6918

Monochromacy



Original Color

80.2760, 82.8058, 94.9712

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.3010, 82.7929, 91.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2760, 82.8058, 94.9712 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(238, 233, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 233, 241) }
```

Border

The CSS property to change the border of an element to XYZ 80.2760, 82.8058, 94.9712 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, 241) }
```


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

```
.border{ border-color:rgb(238, 233, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 233, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 233, 241);  
box-shadow:4px 4px 4px 4px rgb(238, 233,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2760, 82.8058, 94.9712 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, 241) }
```

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

```
.background{ background-color: rgb(238,  
233, 241) }
```

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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