

Converting Colors

XYZ(80.5833, 82.7579, 95.9281)

Have a look what the booklet for
XYZ(80.5833, 82.7579, 95.9281)
contains.

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Color

**XYZ(80.7625, 83.0394,
95.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE9F2
RGB	239, 233, 242
RGB Percent	94%, 91%, 95%
CMY	0.0627, 0.0863, 0.0510
CMYK	0.01, 0.04, 0.00, 0.05
HSL	280°, 26%, 93%
HSV	280°, 4%, 95%
XYZ	80.7625, 83.0394, 95.7760
YIQ	235.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

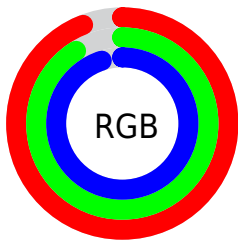
Format	Color
R _Y B	239, 233, 242
Decimal	15722994
CIE Lab	93.03, 3.62, -3.64
CIE LCh	93, 5.134, 314.783
Yxy	83.0394, 0.3111, 0.3199
Android (android.graphics.Color)	4293913074 (0xFFEFE9F2)
YUV	235.8200, 3.0467, 2.7889
Hunter-Lab	91.1260, -1.2706, 1.4727

Details

The XYZ color **80.7625, 83.0394, 95.7760** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.0555, 87.2226, 89.6587**, and the grayscale version is **79.5703, 83.7141, 91.1647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1135, 45.0567, 52.8262** is the 20% darker color. If you saturate the color by 10%, you get **71.7126, 68.8938, 93.5239**, and if you desaturate by 10%, it is **90.1706, 97.7182, 98.1147**.

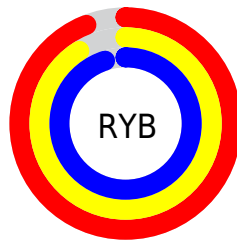
Distribution



Red (94%)

Green (91%)

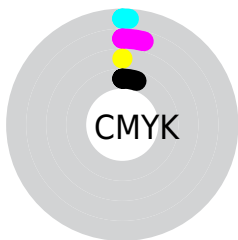
Blue (95%)



Red (94%)

Yellow (91%)

Blue (95%)

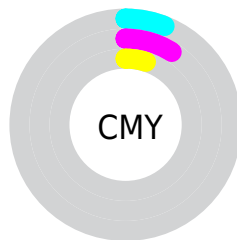


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7625, 83.0394, 95.7760 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 80.7625, 83.0394, 95.7760 by changing the saturation by 10% instead.

80.7625, 83.0394,
95.7760

80.7625, 83.0394,
95.7760

486.1963,
505.1178, 567.6940

60.6566, 62.2227,
72.1806

133.3821,
137.6306, 157.3410

44.1996, 45.2126,
52.8184

166.6266,
172.1739, 196.1477

31.0260, 31.6249,
37.2711

204.9814,
212.0615, 240.8619

20.7706, 21.0752,
25.1201

248.8117,
257.6778, 291.9021

13.0679, 13.1790,
15.9467

298.4830,
309.4072, 349.6868

7.5527, 7.5519,
9.3325

354.3607,

3.8594, 3.8096,

367.6341, 414.6347

4.8589

416.8100,
432.7428, 487.1642

■ 1.6229, 1.5676,
2.1074

■ 0.4073, 0.3356,
0.6202

■ 80.7625, 83.0394,
95.7760

■ 80.7625, 83.0394,
95.7760

■ 71.7126, 68.8938,
93.5239

■ 90.1706, 97.7182,
98.1147

■ 63.6819, 56.6096,
91.5760

■ 93.0273, 99.1909,
98.2484

■ 56.6307, 46.1083,
89.9207

■ 50.5136, 37.3018,
88.5433

■ 45.2814, 30.0941,
87.4278

■ 40.8802, 24.3797,
86.5568

■ 37.2492, 20.0399,
85.9105

■ 34.3184, 16.9372,
85.4661

■ 32.0029, 14.9046,
85.1958

Harmonies

Analogous

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



79.5883, 83.0394, 97.7688



80.7625, 83.0394, 95.7760



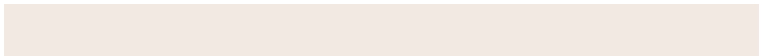
81.4487, 83.0394, 92.3740

Triad

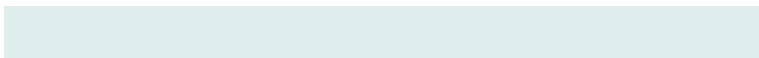
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7625, 83.0394, 95.7760



79.6073, 83.0394, 83.4547



76.4519, 83.0394, 92.3191

Complementary

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



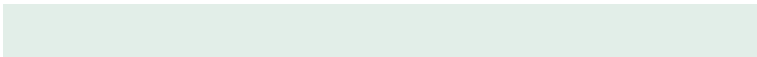
80.7625, 83.0394, 95.7760



81.0555, 87.2226, 89.6587

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.



76.4569, 83.0394, 88.4855



80.7625, 83.0394, 95.7760



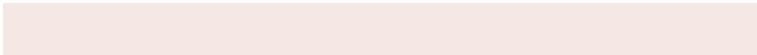
78.2683, 83.0394, 83.4410

Square

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



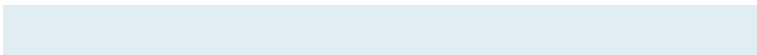
80.7625, 83.0394, 95.7760



80.7765, 83.0394, 85.2975



77.1185, 83.0394, 85.2594



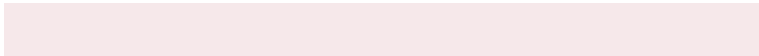
77.1048, 83.0394, 95.7348

Rectangle

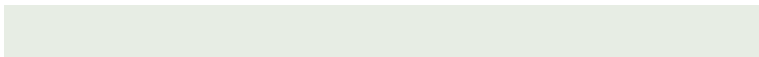
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



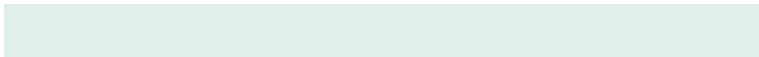
80.7625, 83.0394, 95.7760



81.5321, 83.0394, 89.7995



77.1185, 83.0394, 85.2594



76.3769, 83.0394, 91.0349

Sweetspot

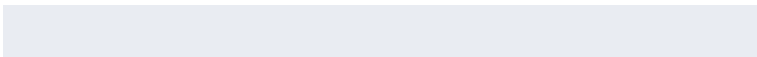
The Sweet Spot groups the original color and five complimentary colors.



80.7649, 83.0430, 95.7778



93.9297, 98.2228, 108.6160



79.6733, 83.8153, 95.9844



20.1166, 21.0425, 23.2513



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.



80.7649, 83.0430, 95.7778



90.6414, 93.0244, 107.7859



81.5843, 83.4887, 94.7620



16.8334, 17.1961, 20.1536



16.6880, 7.6084, 45.7169



1.4933, 0.6871, 3.8081

Inverse Universe

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



80.9002, 83.2151, 91.1597



90.8065, 93.2337, 102.1811



80.2611, 86.7908, 90.6318



16.8702, 17.2425, 18.9181



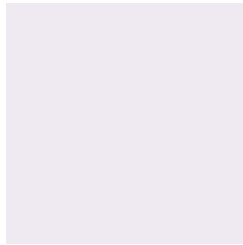
20.5201, 10.4804, 5.3892



1.7516, 0.8897, 0.6826

Previews

White Background



This preview shows how the XYZ color 80.7625, 83.0394, 95.7760 looks on a white background.

Color Contrast Check

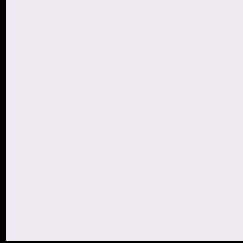
Large Text (above 18pt) WCAG AA × Fail

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 80.7625, 83.0394, 95.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

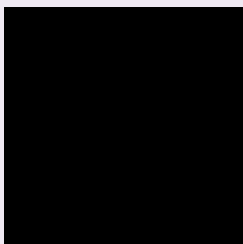
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

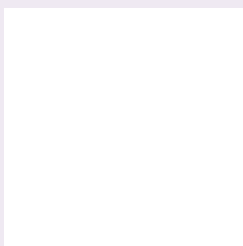
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7625, 83.0394, 95.7760

Background



This preview shows how black text looks on a background with the XYZ color 80.7625, 83.0394, 95.7760.



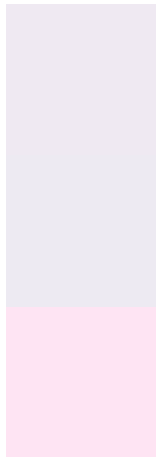
This preview shows how white text looks on a background with the XYZ color 80.7625, 83.0394,

95.7760.

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

80.7625, 83.0394, 95.7760

Protanopia

80.3749, 83.2610, 95.8392

Deuteranopia

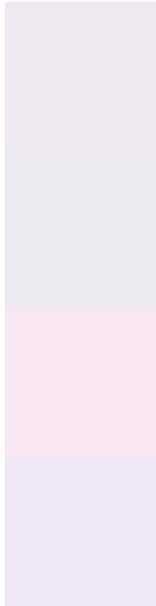
84.7941, 83.0287, 96.3510



Tritanopia

82.0471, 83.1406, 102.1659

Trichromacy



Original Color

80.7625, 83.0394, 95.7760

Protanomaly

80.7097, 83.4336, 95.8548

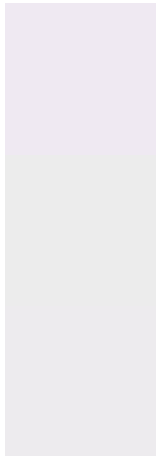
Deuteranomaly

83.5414, 83.2044, 96.4510

Tritanomaly

81.5803, 82.9539, 99.7076

Monochromacy



Original Color

80.7625, 83.0394, 95.7760

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.0660, 83.5942, 92.8043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7625, 83.0394, 95.7760 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(239, 233, 242) looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 242)  
}
```

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(239, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.7625, 83.0394, 95.7760 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(239, 233, 242) }
```


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

```
.border{ border-color:rgb(239, 233, 242) }
```

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

Here you see how a box with a 4 pixel rgb(239, 233, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7625, 83.0394, 95.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 242) }
```

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

```
.background{ background-color: rgb(239,  
233, 242) }
```

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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