

Converting Colors

XYZ(79.8141, 82.4657, 90.2371)

Have a look what the booklet for
XYZ(79.8141, 82.4657, 90.2371)
contains.

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Color

**XYZ(80.0695, 82.8013,
90.3594)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E9EB
RGB	240, 233, 235
RGB Percent	94%, 91%, 92%
CMY	0.0588, 0.0863, 0.0784
CMYK	0.00, 0.03, 0.02, 0.06
HSL	343°, 19%, 93%
HSV	343°, 3%, 94%
XYZ	80.0695, 82.8013, 90.3594
YIQ	235.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

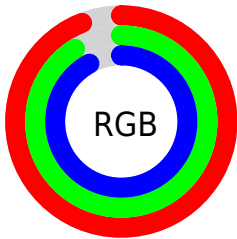
Format	Color
R _{YB}	240, 233, 235
Decimal	15788523
CIE Lab	92.93, 2.71, -0.14
CIE LCh	93, 2.711, 357.024
Yxy	82.8013, 0.3162, 0.3270
Android (android.graphics.Color)	4293978603 (0xFFFF0E9EB)
YUV	235.3210, -0.1583, 4.1035
Hunter-Lab	90.9952, -2.1740, 4.8209

Details

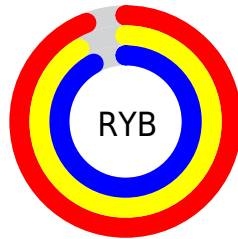
The XYZ color **80.0695, 82.8013, 90.3594** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.2001, 85.8190, 93.2309**, and the grayscale version is **79.2115, 83.3367, 90.7536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6260, 44.8893, 49.0130** is the 20% darker color. If you saturate the color by 10%, you get **71.3726, 69.1833, 75.8178**, and if you desaturate by 10%, it is **89.2909, 97.0836, 106.2568**.

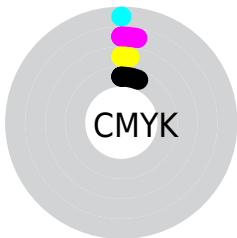
Distribution



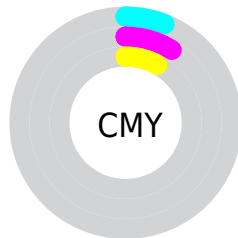
- Red (94%)
- Green (91%)
- Blue (92%)



- Red (94%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0695, 82.8013, 90.3594 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 80.0695, 82.8013, 90.3594 by changing the saturation by 10% instead.

80.0695, 82.8013,
90.3594

80.0695, 82.8013,
90.3594

483.9000,
504.3241, 549.7995

60.0842, 62.0262,
67.7034

132.4135,
137.2971, 149.7774

43.7362, 45.0539,
49.1913

165.5028,
171.7867, 187.3764

30.6602, 31.4999,
34.4046

203.6909,
211.6166, 230.7936

20.4908, 20.9798,
22.9247

247.3431,
257.1711, 280.4473

12.8626, 13.1092,
14.3331

296.8248,
308.8347, 336.7563

7.4104, 7.5038,
8.2113

352.5012,

3.7686, 3.7791,

366.9918, 400.1389

4.1408

414.7379,
432.0268, 471.0138

■ 1.5721, 1.5508,
1.7029

■ 0.3741, 0.3241,
0.3627

■ 80.0695, 82.8013,
90.3594

■ 80.0695, 82.8013,
90.3594

■ 71.3726, 69.1833,
75.8178

■ 89.2909, 97.0836,
106.2568

■ 63.7926, 57.4285,
62.7934

■ 89.7457, 97.2655,
108.6518

■ 57.2853, 47.4587,
51.2377

■ 51.8008, 39.1858,
41.0975

■ 47.2851, 32.5144,
32.3167

■ 43.6790, 27.3393,
24.8347

■ 40.9168, 23.5429,
18.5865

■ 38.9229, 20.9894,
13.5002

■ 37.6073, 19.5150,
9.4957

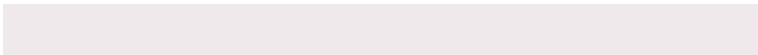
Harmonies

Analogous

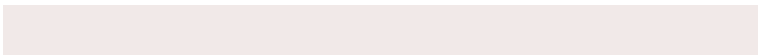
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8494, 82.8013, 92.2984



80.0695, 82.8013, 90.3594



79.9209, 82.8013, 88.3941

Triad

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



80.0695, 82.8013, 90.3594



78.0823, 82.8013, 86.7229



77.9604, 82.8013, 93.4718

Complementary

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



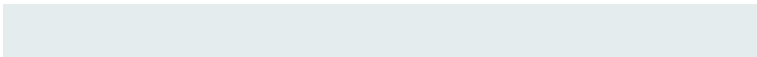
80.0695, 82.8013, 90.3594



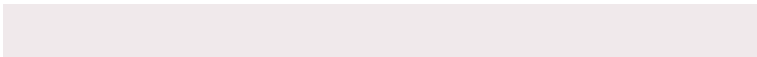
80.2001, 85.8190, 93.2309

Split Complementary

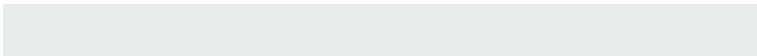
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4919, 82.8013, 91.9422



80.0695, 82.8013, 90.3594



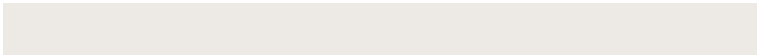
77.5620, 82.8013, 88.0481

Square

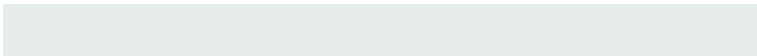
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



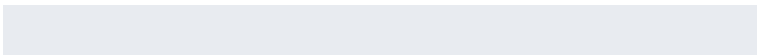
80.0695, 82.8013, 90.3594



78.7710, 82.8013, 86.3133



77.3465, 82.8013, 89.9540



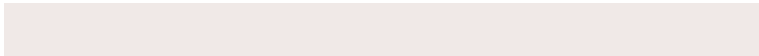
78.6294, 82.8013, 94.1122

Rectangle

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



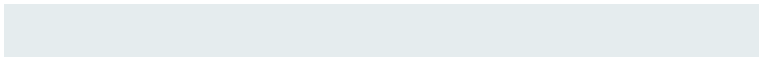
80.0695, 82.8013, 90.3594



79.6332, 82.8013, 87.3300



77.3465, 82.8013, 89.9540



77.7744, 82.8013, 93.0435

Sweetspot

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



80.0718, 82.8049, 90.3612



93.9498, 98.2670, 107.0926



80.0962, 82.7328, 94.1867



20.1207, 21.0514, 22.9413



0.0000, 0.0000, 0.0000



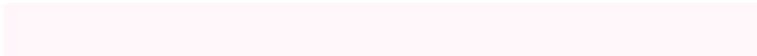
20.3446, 21.4041, 23.3091

Same Dimension

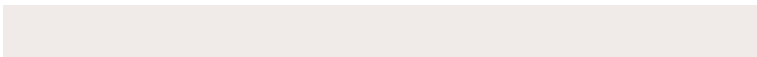
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0718, 82.8049, 90.3612



91.7900, 94.8686, 103.5323



80.1827, 83.4855, 88.9834



17.0392, 17.5274, 19.1376



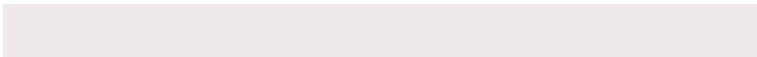
20.2999, 10.3924, 4.2299



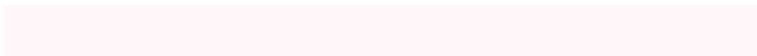
1.7300, 0.8811, 0.5693

Inverse Universe

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



80.0718, 82.8049, 90.3612



91.7900, 94.8686, 103.5323



80.0847, 85.1163, 94.6473



17.0392, 17.5274, 19.1376



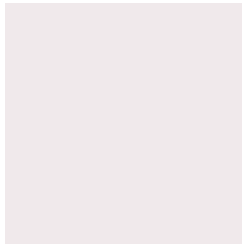
20.2999, 10.3924, 4.2299



1.7300, 0.8811, 0.5693

Previews

White Background



This preview shows how the XYZ color 80.0695, 82.8013, 90.3594 looks on a white background.

Color Contrast Check

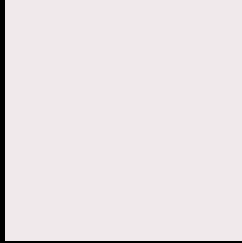
Large Text (above 18pt) WCAG AA × Fail

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 80.0695, 82.8013, 90.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

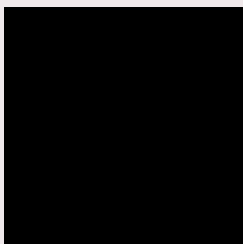
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

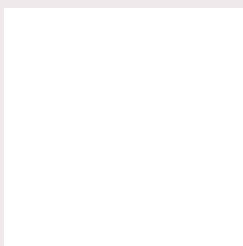
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0695, 82.8013, 90.3594

Background



This preview shows how black text looks on a background with the XYZ color 80.0695, 82.8013, 90.3594.



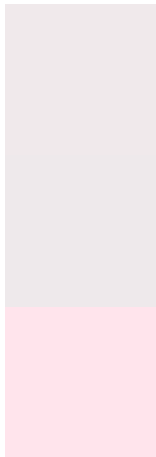
This preview shows how white text looks on a background with the XYZ color 80.0695, 82.8013,

90.3594.

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

80.0695, 82.8013, 90.3594

Protanopia

79.3942, 82.4531, 90.3278

Deuteranopia

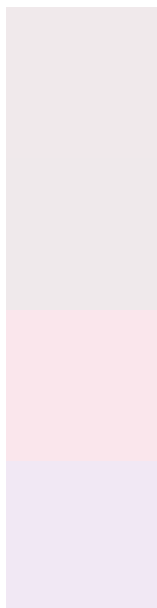
84.1237, 82.8029, 90.9056



Tritanopia

82.2927, 82.8686, 101.2805

Trichromacy



Original Color

80.0695, 82.8013, 90.3594

Protanomaly

79.7309, 82.6267, 90.3435

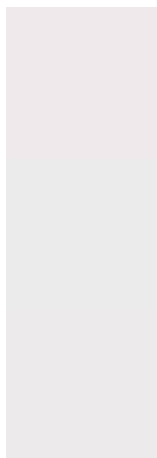
Deuteranomaly

82.8615, 82.9738, 91.0051

Tritanomaly

81.4614, 82.9457, 97.3046

Monochromacy



Original Color

80.0695, 82.8013, 90.3594

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.3433, 82.8483, 90.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0695, 82.8013, 90.3594 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(240, 233, 235) looks like.

```
.text, #text, p{  
    color:rgb(240, 233, 235)  
}
```

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(240, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 233, 235) }
```

Border

The CSS property to change the border of an element to XYZ 80.0695, 82.8013, 90.3594 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(240, 233, 235) }
```


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

```
.border{ border-color:rgb(240, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(240, 233,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0695, 82.8013, 90.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 233, 235) }
```

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

```
.background{ background-color: rgb(240,  
233, 235) }
```

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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