

Converting Colors

XYZ(80.2924, 83.2911, 96.0334)

Have a look what the booklet for
XYZ(80.2924, 83.2911, 96.0334)
contains.

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Color

**XYZ(80.0419, 83.0893,
95.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEAF2
RGB	236, 234, 242
RGB Percent	93%, 92%, 95%
CMY	0.0745, 0.0823, 0.0510
CMYK	0.02, 0.03, 0.00, 0.05
HSL	255°, 24%, 93%
HSV	255°, 3%, 95%
XYZ	80.0419, 83.0893, 95.8236
YIQ	235.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

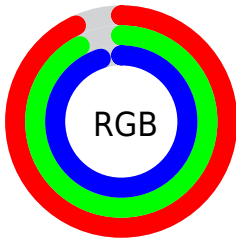
Format	Color
R _Y B	236, 234, 242
Decimal	15526642
CIE Lab	93.05, 2.11, -3.64
CIE LCh	93, 4.205, 300.108
Yxy	83.0893, 0.3091, 0.3209
Android (android.graphics.Color)	4293716722 (0xFFECEAF2)
YUV	235.5100, 3.1996, 0.4297
Hunter-Lab	91.1533, -2.7772, 1.4796

Details

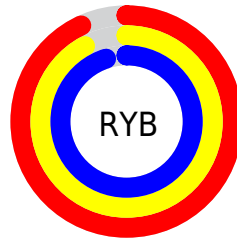
The XYZ color **80.0419, 83.0893, 95.8236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5417, 87.9723, 90.4760**, and the grayscale version is **79.3335, 83.4650, 90.8934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6057, 45.0893, 52.8592** is the 20% darker color. If you saturate the color by 10%, you get **67.8923, 67.2893, 93.4155**, and if you desaturate by 10%, it is **92.7191, 99.0320, 98.2340**.

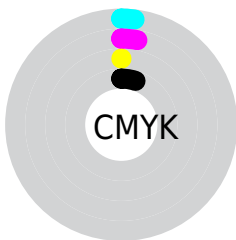
Distribution



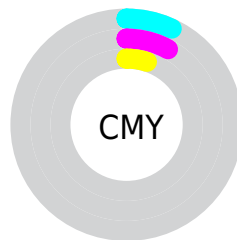
- Red (93%)
- Green (92%)
- Blue (95%)



- Red (93%)
- Yellow (92%)
- Blue (95%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0419, 83.0893, 95.8236 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 80.0419, 83.0893, 95.8236 by changing the saturation by 10% instead.

80.0419, 83.0893,
95.8236

80.0419, 83.0893,
95.8236

483.8084,
505.2841, 567.8498

60.0614, 62.2638,
72.2200

132.3749,
137.7005, 157.4073

43.7178, 45.2459,
52.8505

165.4580,
172.2551, 196.2245

30.6457, 31.6512,
37.2965

203.6395,
212.1547, 240.9499

20.4797, 21.0952,
25.1396

247.2846,
257.7840, 292.0021

12.8545, 13.1936,
15.9611

296.7587,
309.5271, 349.7997

7.4047, 7.5620,
9.3426

352.4271,

3.7650, 3.8160,

367.7686, 414.7611

4.8654

414.6552,
432.8928, 487.3050

■ 1.5701, 1.5712,
2.1112

■ 0.3728, 0.3380,
0.6224

■ 80.0419, 83.0893,
95.8236

■ 80.0419, 83.0893,
95.8236

■ 67.8923, 67.2893,
93.4155

■ 92.7191, 99.0320,
98.2340

■ 57.2382, 53.5985,
91.3344

■ 93.0273, 99.1909,
98.2484

■ 48.0225, 41.9298,
89.5679

■ 40.1815, 32.1858,
88.1004

■ 33.6466, 24.2608,
86.9151

■ 28.3431, 18.0389,
85.9937

■ 24.1881, 13.3905,
85.3154

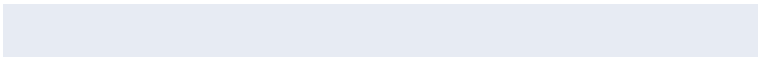
■ 21.0877, 10.1664,
84.8565

■ 18.9309, 8.1874,
84.5882

Harmonies

Analogous

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



78.9779, 83.0893, 96.6771



80.0419, 83.0893, 95.8236



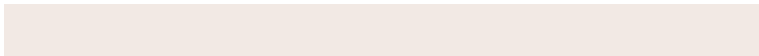
80.8258, 83.0893, 93.5291

Triad

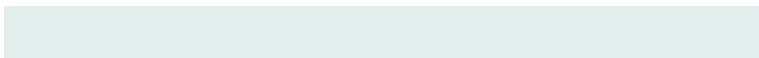
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0419, 83.0893, 95.8236



80.0349, 83.0893, 85.3088



76.8733, 83.0893, 90.4816

Complementary

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



80.0419, 83.0893, 95.8236



82.5417, 87.9723, 90.4760

Split Complementary

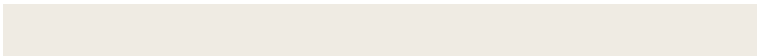
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1505, 83.0893, 87.4785



80.0419, 83.0893, 95.8236



78.9699, 83.0893, 84.5347

Square

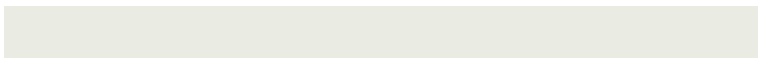
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



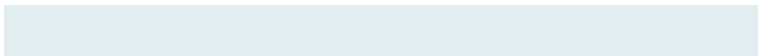
80.0419, 83.0893, 95.8236



80.8217, 83.0893, 87.4591



77.9154, 83.0893, 85.3198



77.1545, 83.0893, 93.5494

Rectangle

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



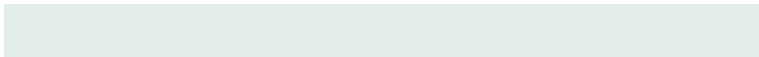
80.0419, 83.0893, 95.8236



81.0804, 83.0893, 91.5169



77.9154, 83.0893, 85.3198



76.9042, 83.0893, 89.4313

Sweetspot

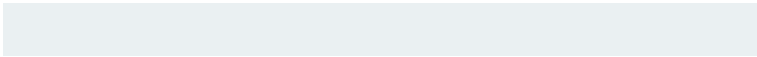
The Sweet Spot groups the original color and five complimentary colors.



80.0443, 83.0929, 95.8254



93.5414, 98.0227, 108.5979



81.1609, 86.3045, 96.3865



20.0376, 21.0017, 23.2476



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.



80.0443, 83.0929, 95.8254



89.1220, 92.2410, 107.7148



81.3425, 83.7621, 95.8862



16.4991, 17.0238, 20.1379



9.7291, 4.0209, 45.3912



0.8974, 0.3799, 3.7802

Inverse Universe

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



81.7719, 84.0179, 94.3496



91.4746, 93.5009, 105.6991



81.2425, 87.3025, 90.4152



17.0173, 17.3013, 19.6926



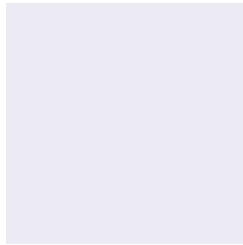
24.2420, 11.9692, 24.9886



2.0561, 1.0115, 2.2863

Previews

White Background



This preview shows how the XYZ color 80.0419, 83.0893, 95.8236 looks on a white background.

Color Contrast Check

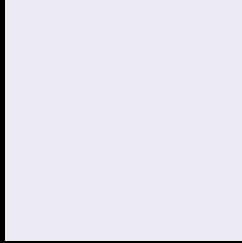
Large Text (above 18pt) WCAG AA × Fail

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 80.0419, 83.0893, 95.8236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

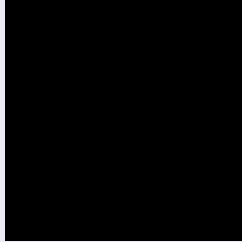
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

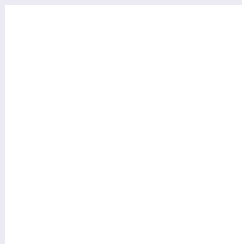
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.0419, 83.0893, 95.8236

Background



This preview shows how black text looks on a background with the XYZ color 80.0419, 83.0893, 95.8236.



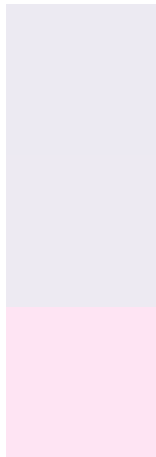
This preview shows how white text looks on a background with the XYZ color 80.0419, 83.0893,

95.8236.

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

80.0419, 83.0893, 95.8236

Protanopia

80.3749, 83.2610, 95.8392

Deuteranopia

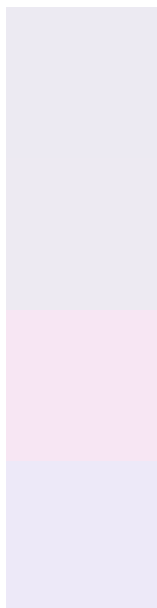
84.7941, 83.0287, 96.3510



Tritanopia

81.4766, 83.2474, 103.0409

Trichromacy



Original Color

80.0419, 83.0893, 95.8236

Protanomaly

80.3749, 83.2610, 95.8392

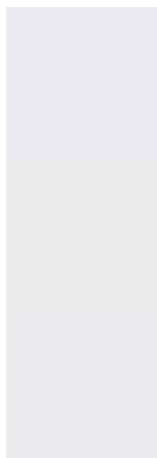
Deuteranomaly

82.8322, 82.8389, 96.4178

Tritanomaly

81.0072, 83.0597, 100.5695

Monochromacy



Original Color

80.0419, 83.0893, 95.8236

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.7330, 83.4226, 92.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0419, 83.0893, 95.8236 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(236, 234, 242) looks like.

```
.text, #text, p{  
    color:rgb(236, 234, 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(236, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 234, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.0419, 83.0893, 95.8236 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(236, 234, 242) }
```


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

```
.border{ border-color:rgb(236, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(236, 234,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0419, 83.0893, 95.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 234, 242) }
```

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

```
.background{ background-color: rgb(236,  
234, 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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