

Converting Colors

XYZ(79.4615, 83.4261, 98.6818)

Have a look what the booklet for
XYZ(79.4615, 83.4261, 98.6818)
contains.

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Color

**XYZ(79.4319, 83.5724,
98.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ECF5
RGB	231, 236, 245
RGB Percent	91%, 93%, 96%
CMY	0.0941, 0.0745, 0.0392
CMYK	0.06, 0.04, 0.00, 0.04
HSL	219°, 41%, 93%
HSV	219°, 6%, 96%
XYZ	79.4319, 83.5724, 98.3308
YIQ	235.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

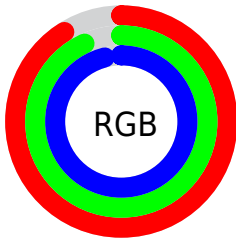
Format	Color
R _Y B	231, 235, 245
Decimal	15199477
CIE Lab	93.26, -0.00, -4.93
CIE LCh	93, 4.931, 269.973
Yxy	83.5724, 0.3039, 0.3198
Android (android.graphics.Color)	4293389557 (0xFFE7ECF5)
YUV	235.5310, 4.6682, -3.9737
Hunter-Lab	91.4179, -4.8850, 0.2192

Details

The XYZ color **79.4319, 83.5724, 98.3308** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2404, 87.5015, 88.1050**, and the grayscale version is **79.3411, 83.4730, 90.9021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1858, 45.4306, 54.6370** is the 20% darker color. If you saturate the color by 10%, you get **67.7367, 71.1103, 96.5430**, and if you desaturate by 10%, it is **92.4534, 97.3161, 100.2986**.

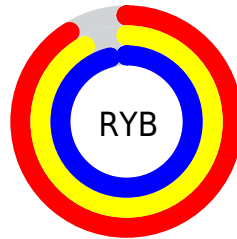
Distribution



Red (91%)

Green (93%)

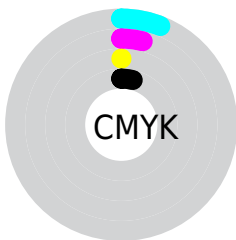
Blue (96%)



Red (91%)

Yellow (92%)

Blue (96%)

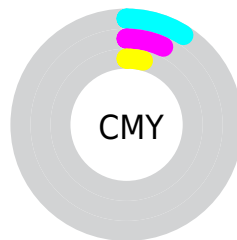


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4319, 83.5724, 98.3308 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 79.4319, 83.5724, 98.3308 by changing the saturation by 10% instead.

■ 79.4319, 83.5724,
98.3308

■ 79.4319, 83.5724,
98.3308

481.7820,
506.8922, 576.0286

■ 59.5578, 62.6625,
74.2982

131.5214,
138.3769, 160.8932

■ 43.3104, 45.5682,
54.5398

164.4676,
173.0402, 200.2601

■ 30.3243, 31.9052,
38.6373

202.5019,
213.0568, 245.5755

■ 20.2342, 21.2891,
26.1720

245.9896,
258.8110, 297.2579

■ 12.6746, 13.3355,
16.7255

295.2961,
310.6872, 355.7259

■ 7.2803, 7.6600,
9.8791

350.7868,

■ 3.6859, 3.8782,

369.0699, 421.3979

5.2143

412.8269,
434.3435, 494.6927

■ 1.5260, 1.6056,
2.3126

■ 0.3434, 0.3614,
0.7383

■ 79.4319, 83.5724,
98.3308

■ 79.4319, 83.5724,
98.3308

■ 67.7367, 71.1103,
96.5430

■ 92.4534, 97.3161,
100.2986

■ 57.4896, 59.9703,
94.9329

■ 93.4817, 99.3727,
100.6413

■ 48.6334, 50.1094,
93.4963

■ 41.1041, 41.4781,
92.2271

■ 34.8326, 34.0233,
91.1188

■ 29.7430, 27.6877,
90.1641

■ 25.7503, 22.4082,
89.3555

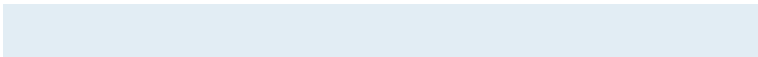
■ 22.7567, 18.1137,
88.6844

■ 20.6436, 14.7213,
88.1410

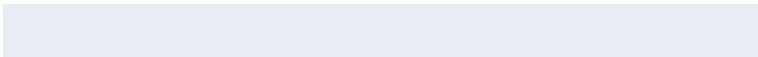
Harmonies

Analogous

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



78.1910, 83.5724, 97.3243



79.4319, 83.5724, 98.3308



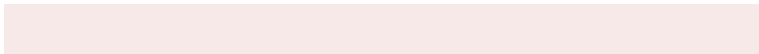
80.6862, 83.5724, 97.3278

Triad

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



79.4319, 83.5724, 98.3308



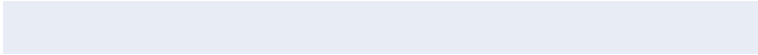
81.6142, 83.5724, 87.4725



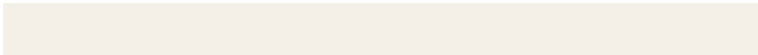
77.2923, 83.5724, 87.4669

Complementary

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



79.4319, 83.5724, 98.3308



83.2404, 87.5015, 88.1050

Split Complementary

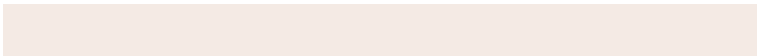
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1930, 83.5724, 84.9452



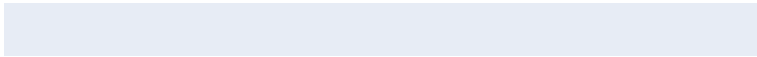
79.4319, 83.5724, 98.3308



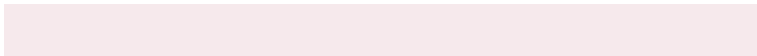
80.6882, 83.5724, 84.9484

Square

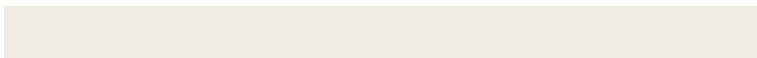
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4319, 83.5724, 98.3308



81.9544, 83.5724, 90.9995



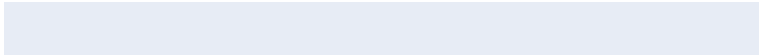
79.4342, 83.5724, 84.0356



76.9639, 83.5724, 90.9928

Rectangle

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



79.4319, 83.5724, 98.3308



81.3591, 83.5724, 95.6698



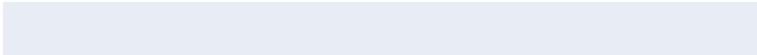
79.4342, 83.5724, 84.0356



77.5377, 83.5724, 86.4772

Sweetspot

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



79.4343, 83.5759, 98.3326



92.1619, 96.9723, 108.4678



81.3171, 88.5785, 95.1471



19.7567, 20.7879, 23.2211



0.0000, 0.0000, 0.0000



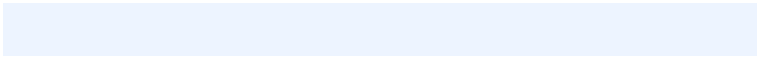
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4343, 83.5759, 98.3326



85.2345, 89.6690, 107.4232



78.6195, 81.0471, 97.8875



16.5552, 17.4155, 21.0315



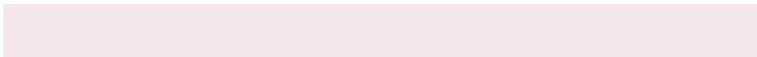
10.8582, 7.5102, 47.4153



1.0478, 0.8471, 4.1985

Inverse Universe

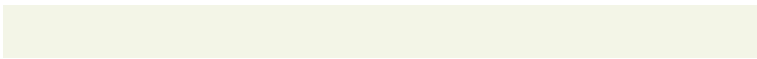
The Inverse Universe completely reimagines the original color for something new.



81.3743, 82.6221, 91.0198



87.8254, 88.4184, 97.6515



84.0857, 90.1541, 88.5724



17.1029, 17.1533, 18.9653



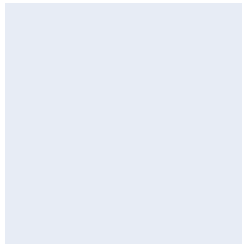
21.2852, 10.8575, 6.2104



1.9180, 0.9731, 0.7943

Previews

White Background



This preview shows how the XYZ color 79.4319, 83.5724, 98.3308 looks on a white background.

Color Contrast Check

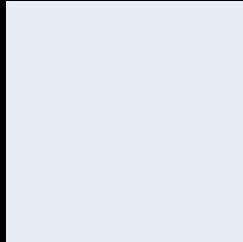
Large Text (above 18pt) WCAG AA × Fail

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 79.4319, 83.5724, 98.3308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

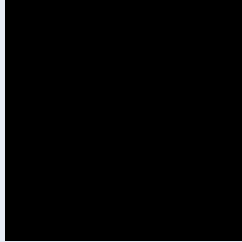
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

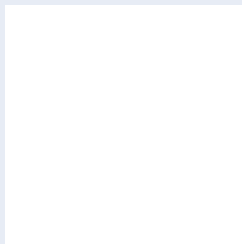
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4319, 83.5724, 98.3308

Background



This preview shows how black text looks on a background with the XYZ color 79.4319, 83.5724, 98.3308.



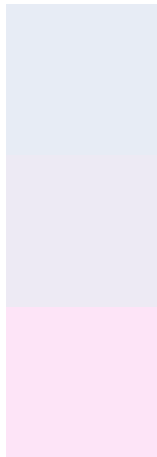
This preview shows how white text looks on a background with the XYZ color 79.4319, 83.5724,

98.3308.

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

79.4319, 83.5724, 98.3308

Protanopia

80.6770, 83.3818, 97.4301

Deuteranopia

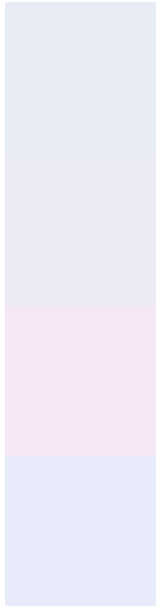
85.0399, 83.0849, 99.5506



Tritanopia

80.7167, 83.6643, 104.8231

Trichromacy



Original Color

79.4319, 83.5724, 98.3308

Protanomaly

80.2984, 83.6105, 97.4942

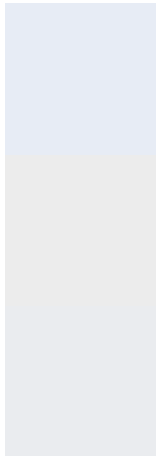
Deuteranomaly

82.8667, 83.2181, 98.8839

Tritanomaly

80.2424, 83.4746, 102.3255

Monochromacy



Original Color

79.4319, 83.5724, 98.3308

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5071, 83.7153, 93.6296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4319, 83.5724, 98.3308 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(231, 236, 245) looks like.

```
.text, #text, p{  
    color:rgb(231, 236, 245)  
}
```

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(231, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 236, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.4319, 83.5724, 98.3308 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(231, 236, 245) }
```


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

```
.border{ border-color:rgb(231, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 236,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4319, 83.5724, 98.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 236, 245) }
```

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

```
.background{ background-color: rgb(231,  
236, 245) }
```

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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