

Converting Colors

XYZ(79.4369, 83.8644, 96.7953)

Have a look what the booklet for
XYZ(79.4369, 83.8644, 96.7953)
contains.

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Color

**XYZ(79.4168, 84.0284,
96.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EDF3
RGB	231, 237, 243
RGB Percent	91%, 93%, 95%
CMY	0.0941, 0.0706, 0.0471
CMYK	0.05, 0.02, 0.00, 0.05
HSL	210°, 33%, 93%
HSV	210°, 5%, 95%
XYZ	79.4168, 84.0284, 96.8274
YIQ	235.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

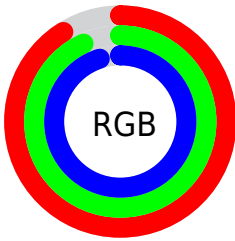
Format	Color
RYB	231, 235, 243
Decimal	15199731
CIELab	93.46, -0.89, -3.60
CIELCh	93, 3.707, 256.153
Yxy	84.0284, 0.3051, 0.3228
Android (android.graphics.Color)	4293389811 (0xFFE7EDF3)
YUV	235.8900, 3.5052, -4.2885
Hunter-Lab	91.6670, -5.7717, 1.5392

Details

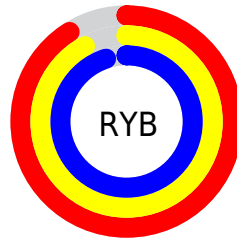
The XYZ color **79.4168, 84.0284, 96.8274** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.6702, 85.3915, 87.7802**, and the grayscale version is **79.6238, 83.7704, 91.2260**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1727, 45.7496, 53.5688** is the 20% darker color. If you saturate the color by 10%, you get **68.7151, 73.4704, 95.3548**, and if you desaturate by 10%, it is **91.3392, 95.5738, 98.4288**.

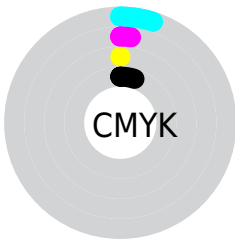
Distribution



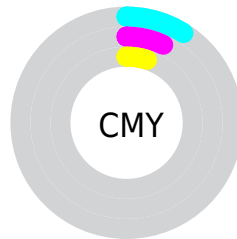
- Red (91%)
- Green (93%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4168, 84.0284, 96.8274 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 79.4168, 84.0284, 96.8274 by changing the saturation by 10% instead.

■ 79.4168, 84.0284,
96.8274

■ 79.4168, 84.0284,
96.8274

481.7318,
508.4075, 571.1319

■ 59.5454, 63.0389,
73.0516

131.5003,
139.0149, 158.8041

■ 43.3004, 45.8727,
53.5261

164.4431,
173.7807, 197.8420

■ 30.3164, 32.1454,
37.8323

202.4737,
213.9073, 242.8043

■ 20.2281, 21.4725,
25.5517

245.9575,
259.7793, 294.1097

■ 12.6702, 13.4699,
16.2658

295.2599,
311.7808, 352.1766

■ 7.2773, 7.7529,
9.5561

350.7461,

■ 3.6840, 3.9372,

370.2965, 417.4236

5.0039

412.7816,
435.7106, 490.2692

■ 1.5249, 1.6385,
2.1908

■ 0.3427, 0.3834,
0.6690

■ 79.4168, 84.0284,
96.8274

■ 79.4168, 84.0284,
96.8274

■ 68.7151, 73.4704,
95.3548

■ 91.3392, 95.5738,
98.4288

■ 59.2885, 63.9138,
94.0071

■ 93.1779, 99.2512,
99.0417

■ 51.0872, 55.3282,
92.7821

■ 44.0547, 47.6770,
91.6760

■ 38.1298, 40.9211,
90.6842

■ 33.2455, 35.0180,
89.8022

■ 29.3265, 29.9206,
89.0249

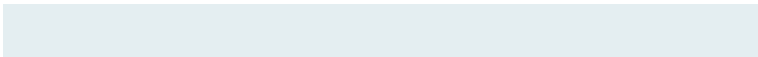
■ 26.2857, 25.5754,
88.3464

■ 24.0176, 21.9191,
87.7602

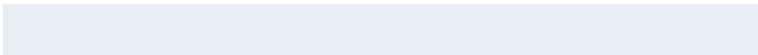
Harmonies

Analogous

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



78.5696, 84.0284, 95.4359



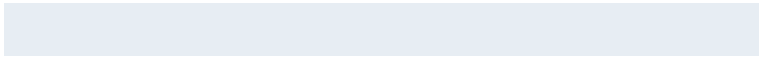
79.4168, 84.0284, 96.8274



80.3913, 84.0284, 96.7691

Triad

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



79.4168, 84.0284, 96.8274



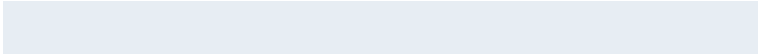
81.6882, 84.0284, 90.0011



78.5166, 84.0284, 87.8087

Complementary

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



79.4168, 84.0284, 96.8274



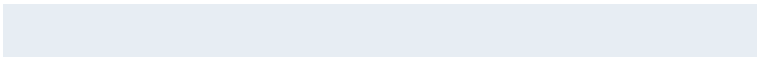
81.6702, 85.3915, 87.7802

Split Complementary

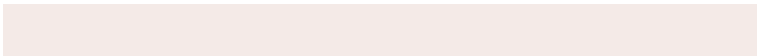
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3439, 84.0284, 86.4115



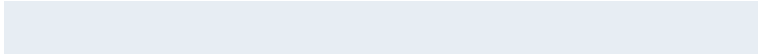
79.4168, 84.0284, 96.8274



81.1776, 84.0284, 87.6595

Square

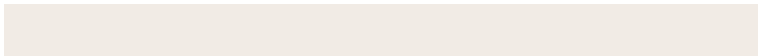
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



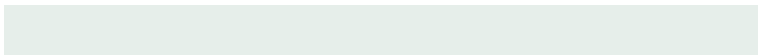
79.4168, 84.0284, 96.8274



81.7081, 84.0284, 92.7890



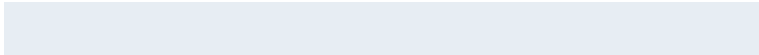
80.3178, 84.0284, 86.3575



78.0527, 84.0284, 90.2084

Rectangle

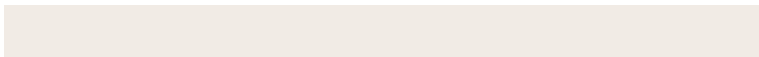
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4168, 84.0284, 96.8274



80.9821, 84.0284, 95.9150



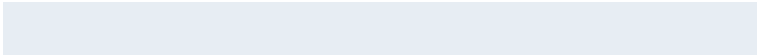
80.3178, 84.0284, 86.3575



78.7611, 84.0284, 87.2084

Sweetspot

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



79.4192, 84.0320, 96.8292



93.7129, 98.7093, 108.7213



80.2636, 87.1942, 92.5687



20.0725, 21.1415, 23.2727



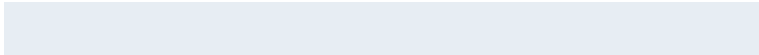
0.0000, 0.0000, 0.0000



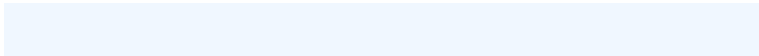
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4192, 84.0320, 96.8292



87.2529, 92.4318, 107.8501



77.7658, 80.7251, 96.2781



16.9477, 17.9661, 21.1171



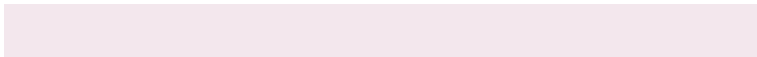
12.8053, 11.4044, 48.0644



1.2282, 1.2079, 4.2586

Inverse Universe

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



80.8259, 82.3224, 91.7549



89.1552, 90.1410, 100.9833



83.3780, 88.8071, 88.3494



17.3583, 17.4744, 19.6346



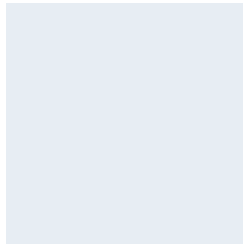
22.2681, 11.2507, 11.3859



2.0090, 1.0096, 1.2739

Previews

White Background



This preview shows how the XYZ color 79.4168, 84.0284, 96.8274 looks on a white background.

Color Contrast Check

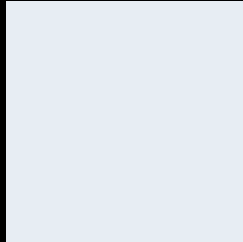
Large Text (above 18pt) WCAG AA × Fail

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 79.4168, 84.0284, 96.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

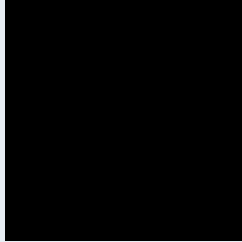
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

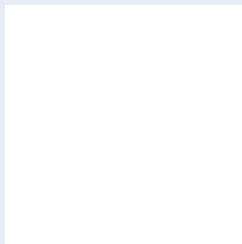
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4168, 84.0284, 96.8274

Background



This preview shows how black text looks on a background with the XYZ color 79.4168, 84.0284, 96.8274.



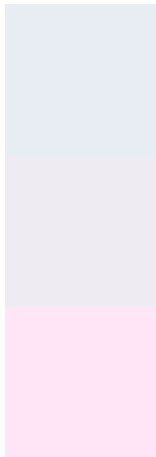
This preview shows how white text looks on a background with the XYZ color 79.4168, 84.0284,

96.8274.

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

79.4168, 84.0284, 96.8274

Protanopia

81.3319, 84.1782, 95.9658

Deuteranopia

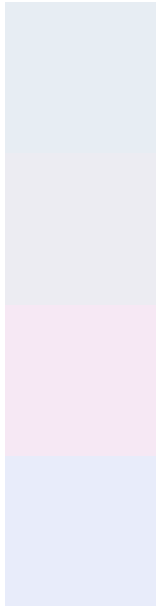
85.7407, 83.8912, 98.0598



Tritanopia

81.2020, 83.8961, 105.6797

Trichromacy



Original Color

79.4168, 84.0284, 96.8274

Protanomaly

80.6145, 84.2346, 96.0145

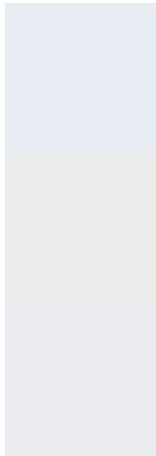
Deuteranomaly

83.1918, 83.8377, 97.3856

Tritanomaly

80.5295, 84.0488, 102.4212

Monochromacy



Original Color

79.4168, 84.0284, 96.8274

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 79.4168, 84.0284, 96.8274 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, 237, 243) looks like.

```
.text, #text, p{  
    color:rgb(231, 237, 243)  
}
```

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, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 237, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.4168, 84.0284, 96.8274 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, 237, 243) }
```


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

```
.border{ border-color:rgb(231, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 237,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4168, 84.0284, 96.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 237, 243) }
```

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

```
.background{ background-color: rgb(231,  
237, 243) }
```

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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