

Converting Colors

XYZ(78.7381, 83.9584, 94.2936)

Have a look what the booklet for
XYZ(78.7381, 83.9584, 94.2936)
contains.

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Color

**XYZ(78.9358, 84.2633,
94.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EEF0
RGB	230, 238, 240
RGB Percent	90%, 93%, 94%
CMY	0.0980, 0.0666, 0.0588
CMYK	0.04, 0.01, 0.00, 0.06
HSL	192°, 25%, 92%
HSV	192°, 4%, 94%
XYZ	78.9358, 84.2633, 94.5422
YIQ	235.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

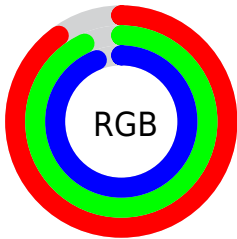
Format	Color
R _{YB}	230, 234, 240
Decimal	15134448
CIE Lab	93.56, -2.28, -1.90
CIE LCh	94, 2.966, 219.791
Yxy	84.2633, 0.3063, 0.3269
Android (android.graphics.Color)	4293324528 (0xFFE6EEF0)
YUV	235.8360, 2.0529, -5.1182
Hunter-Lab	91.7950, -7.1468, 3.1922

Details

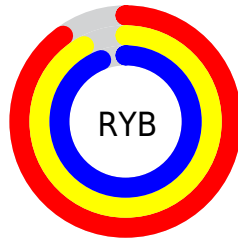
The XYZ color **78.9358, 84.2633, 94.5422** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.0749, 81.9509, 86.5145**, and the grayscale version is **79.5931, 83.7382, 91.1909**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0589, 46.0305, 51.9627** is the 20% darker color. If you saturate the color by 10%, you get **70.3821, 77.8127, 93.7492**, and if you desaturate by 10%, it is **88.5919, 91.3420, 95.4009**.

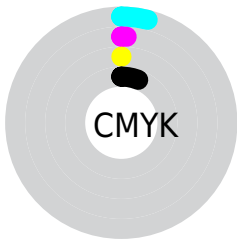
Distribution



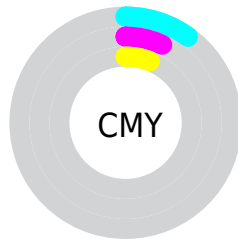
- Red (90%)
- Green (93%)
- Blue (94%)



- Red (90%)
- Yellow (92%)
- Blue (94%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9358, 84.2633, 94.5422 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 78.9358, 84.2633, 94.5422 by changing the saturation by 10% instead.

■ 78.9358, 84.2633,
94.5422

■ 78.9358, 84.2633,
94.5422

480.1305,
509.1872, 563.6452

■ 59.1485, 63.2328,
71.1592

130.8269,
139.3434, 155.6221

■ 42.9795, 46.0296,
51.9895

163.6613,
174.1619, 194.1561

■ 30.0635, 32.2692,
36.6145

201.5756,
214.3452, 238.5776

■ 20.0351, 21.5672,
24.6157

244.9349,
260.2776, 289.3050

■ 12.5290, 13.5392,
15.5746

294.1047,
312.3436, 346.7569

■ 7.1797, 7.8009,
9.0725

349.4503,

■ 3.6221, 3.9678,

370.9277, 411.3519

4.6911

411.3371,
436.4140, 483.5085

■ 1.4906, 1.6556,
2.0116

■ 0.3195, 0.3946,
0.5624

■ 78.9358, 84.2633,
94.5422

■ 78.9358, 84.2633,
94.5422

■ 70.3821, 77.8127,
93.7492

■ 88.5919, 91.3420,
95.4009

■ 62.8802, 71.9567,
93.0143

■ 90.4091, 94.4328,
95.9017

■ 56.3862, 66.6745,
92.3370

■ 91.8978, 97.4101,
96.3979

■ 50.8503, 61.9401,
91.7150

■ 92.7284, 99.0714,
96.6748

■ 46.2183, 57.7251,
91.1455

■ 42.4304, 53.9982,
90.6258

■ 39.4194, 50.7243,
90.1525

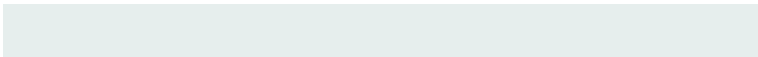
■ 37.1074, 47.8627,
89.7221

■ 35.3992, 45.3641,
89.3298

Harmonies

Analogous

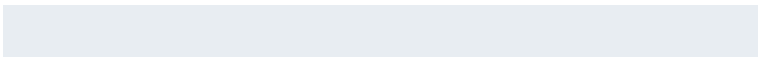
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6119, 84.2633, 92.4853



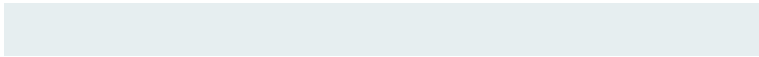
78.9358, 84.2633, 94.5422



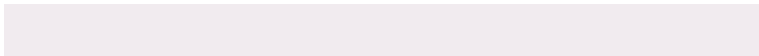
79.5696, 84.2633, 95.8642

Triad

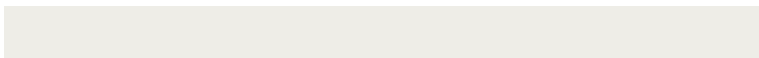
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9358, 84.2633, 94.5422



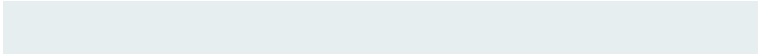
81.5142, 84.2633, 93.2495



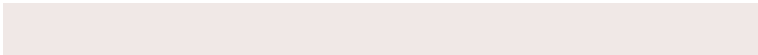
79.8334, 84.2633, 87.5551

Complementary

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



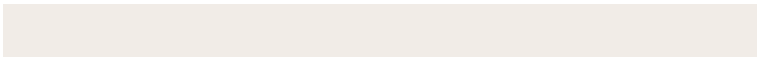
78.9358, 84.2633, 94.5422



79.0749, 81.9509, 86.5145

Split Complementary

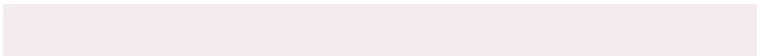
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6122, 84.2633, 87.7521



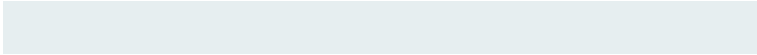
78.9358, 84.2633, 94.5422



81.5860, 84.2633, 91.0154

Square

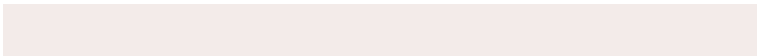
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



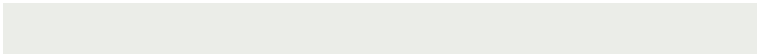
78.9358, 84.2633, 94.5422



81.0594, 84.2633, 95.1094



81.2549, 84.2633, 89.0102



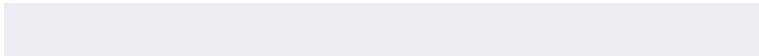
79.1278, 84.2633, 88.4675

Rectangle

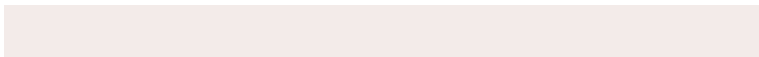
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



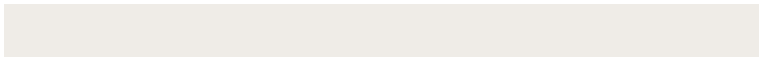
78.9358, 84.2633, 94.5422



80.0842, 84.2633, 96.1384



81.2549, 84.2633, 89.0102



80.0952, 84.2633, 87.4941

Sweetspot

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



78.9382, 84.2669, 94.5441



93.9559, 99.1952, 108.8023



78.3363, 84.9613, 88.4915



20.1220, 21.2404, 23.2892



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

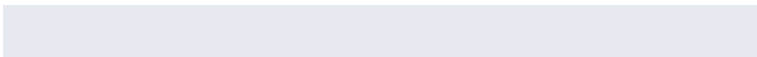
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9382, 84.2669, 94.5441



89.7072, 96.0483, 108.4188



77.5487, 81.4878, 94.0809



16.6747, 17.8953, 20.2969



19.0357, 24.2955, 48.8141



1.6509, 2.1557, 4.0833

Inverse Universe

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



79.6664, 81.2935, 92.3855



90.7095, 91.9703, 105.4449



80.4554, 84.7117, 86.9747



16.8868, 17.0345, 19.6669



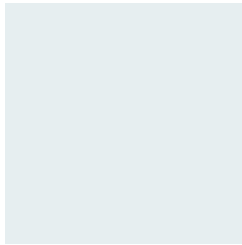
24.9339, 12.2460, 28.6324



2.1082, 1.0323, 2.5608

Previews

White Background



This preview shows how the XYZ color 78.9358, 84.2633, 94.5422 looks on a white background.

Color Contrast Check

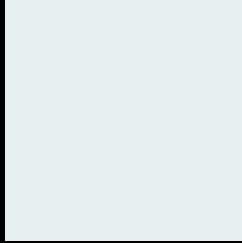
Large Text (above 18pt) WCAG AA × Fail

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 78.9358, 84.2633, 94.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

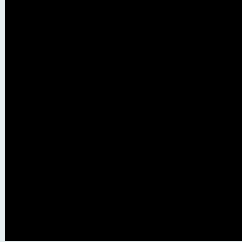
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

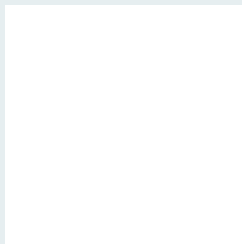
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9358, 84.2633, 94.5422

Background



This preview shows how black text looks on a background with the XYZ color 78.9358, 84.2633, 94.5422.



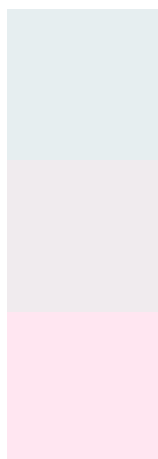
This preview shows how white text looks on a background with the XYZ color 78.9358, 84.2633,

94.5422.

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

78.9358, 84.2633, 94.5422

Protanopia

81.0761, 84.1150, 92.8516

Deuteranopia

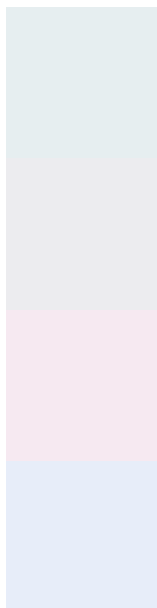
85.4140, 84.2045, 94.9704



Tritanopia

81.1636, 84.3025, 105.7602

Trichromacy



Original Color

78.9358, 84.2633, 94.5422

Protanomaly

80.1675, 84.0558, 93.6605

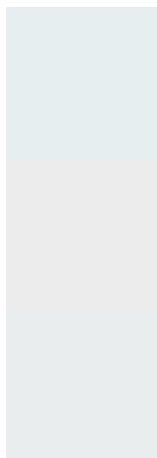
Deuteranomaly

83.0221, 84.2215, 95.0997

Tritanomaly

80.3381, 84.3969, 101.6785

Monochromacy



Original Color

78.9358, 84.2633, 94.5422

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5019, 84.1752, 92.1780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9358, 84.2633, 94.5422 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(230, 238, 240) looks like.

```
.text, #text, p{  
    color:rgb(230, 238, 240)  
}
```

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(230, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.9358, 84.2633, 94.5422 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(230, 238, 240) }
```


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

```
.border{ border-color:rgb(230, 238, 240) }
```

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

Here you see how a box with a 4 pixel rgb(230, 238, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 238,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9358, 84.2633, 94.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 238, 240) }
```

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

```
.background{ background-color: rgb(230,  
238, 240) }
```

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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