

Converting Colors

XYZ(78.6644, 84.1955, 94.5434)

Have a look what the booklet for
XYZ(78.6644, 84.1955, 94.5434)
contains.

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Color

**XYZ(78.6158, 84.0984,
94.5272)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EEF0
RGB	229, 238, 240
RGB Percent	90%, 93%, 94%
CMY	0.1020, 0.0666, 0.0588
CMYK	0.05, 0.01, 0.00, 0.06
HSL	191°, 27%, 92%
HSV	191°, 5%, 94%
XYZ	78.6158, 84.0984, 94.5272
YIQ	235.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

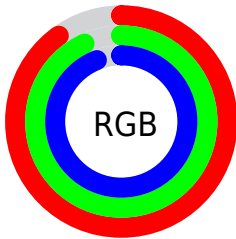
Format	Color
R _Y B	229, 234, 240
Decimal	15068912
CIE Lab	93.49, -2.61, -2.01
CIE LCh	93, 3.293, 217.655
Yxy	84.0984, 0.3056, 0.3269
Android (android.graphics.Color)	4293258992 (0xFFE5EEF0)
YUV	235.5370, 2.2003, -5.7329
Hunter-Lab	91.7052, -7.4620, 3.0791

Details

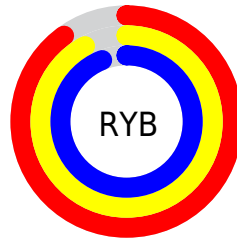
The XYZ color **78.6158, 84.0984, 94.5272** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.6541, 81.3333, 85.6833**, and the grayscale version is **79.3640, 83.4971, 90.9284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8352, 45.9153, 51.9523** is the 20% darker color. If you saturate the color by 10%, you get **70.2291, 77.9175, 93.7775**, and if you desaturate by 10%, it is **88.0967, 90.8935, 95.3404**.

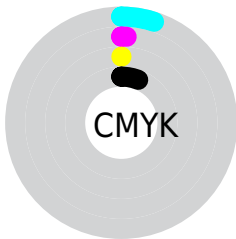
Distribution



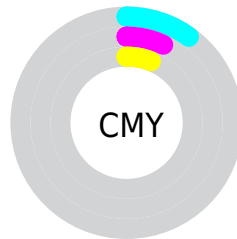
- Red (90%)
- Green (93%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6158, 84.0984, 94.5272 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 78.6158, 84.0984, 94.5272 by changing the saturation by 10% instead.

■ 78.6158, 84.0984,
94.5272

■ 78.6158, 84.0984,
94.5272

479.0635,
508.6399, 563.5959

■ 58.8845, 63.0967,
71.1468

130.3786,
139.1128, 155.6012

■ 42.7662, 45.9194,
51.9794

163.1409,
173.8943, 194.1319

■ 29.8954, 32.1822,
36.6066

200.9775,
214.0378, 238.5498

■ 19.9069, 21.5007,
24.6096

244.2538,
259.9278, 289.2734

■ 12.4353, 13.4905,
15.5701

293.3353,
311.9486, 346.7213

■ 7.1151, 7.7672,
9.0694

348.5871,

■ 3.5812, 3.9463,

370.4846, 411.3119

4.6890

410.3747,
435.9203, 483.4640

■ 1.4680, 1.6436,
2.0105

■ 0.3039, 0.3867,
0.5617

■ 78.6158, 84.0984,
94.5272

■ 78.6158, 84.0984,
94.5272

■ 70.2291, 77.9175,
93.7775

■ 88.0967, 90.8935,
95.3404

■ 62.8859, 72.3175,
93.0836

■ 90.1423, 93.8992,
95.8127

■ 56.5424, 67.2778,
92.4452

■ 91.4877, 96.5900,
96.2612

■ 51.1485, 62.7721,
91.8598

■ 92.7284, 99.0714,
96.6747

■ 46.6501, 58.7724,
91.3249

■ 42.9871, 55.2472,
90.8375

■ 40.0919, 52.1615,
90.3945

■ 37.8863, 49.4745,
89.9921

■ 36.2741, 47.1363,
89.6257

Harmonies

Analogous

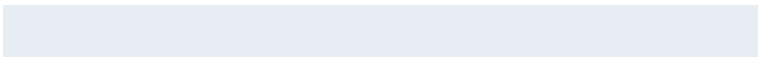
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2864, 84.0984, 92.2086



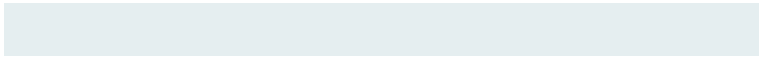
78.6158, 84.0984, 94.5272



79.2987, 84.0984, 96.0723

Triad

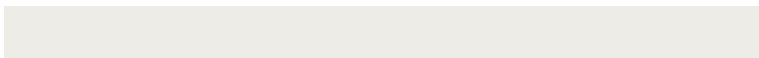
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6158, 84.0984, 94.5272



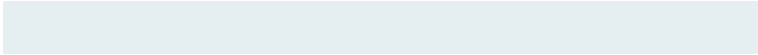
81.4904, 84.0984, 93.4025



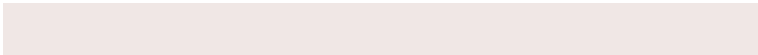
79.7104, 84.0984, 86.9019

Complementary

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



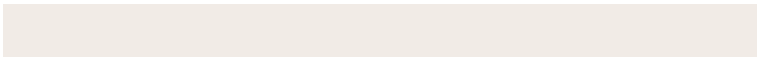
78.6158, 84.0984, 94.5272



78.6541, 81.3333, 85.6833

Split Complementary

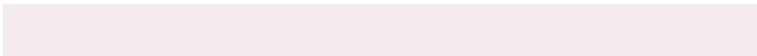
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5707, 84.0984, 87.2084



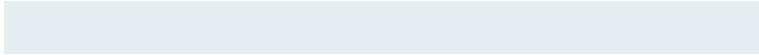
78.6158, 84.0984, 94.5272



81.6026, 84.0984, 90.9321

Square

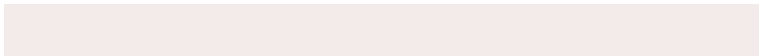
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6158, 84.0984, 94.5272



80.9594, 84.0984, 95.4148



81.2648, 84.0984, 88.6729



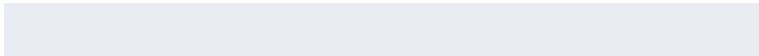
78.9153, 84.0984, 87.8277

Rectangle

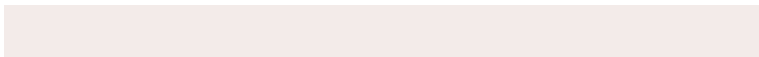
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



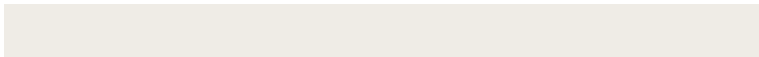
78.6158, 84.0984, 94.5272



79.8646, 84.0984, 96.4401



81.2648, 84.0984, 88.6729



80.0015, 84.0984, 86.8645

Sweetspot

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



78.6182, 84.1020, 94.5290



93.9706, 99.2247, 108.8072



77.8747, 84.7396, 87.7311



20.1250, 21.2464, 23.2902



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

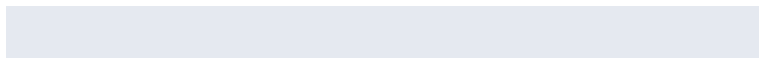
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6182, 84.1020, 94.5290



89.7802, 96.1942, 108.4432



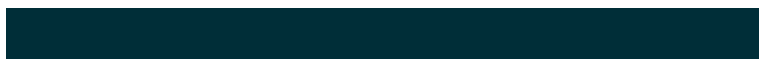
77.0871, 81.0398, 94.0187



16.6901, 17.9262, 20.3020



19.5615, 25.3473, 48.9894



1.6901, 2.2343, 4.0964

Inverse Universe

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



79.3889, 80.7385, 92.2931



90.7463, 91.9851, 105.6388



80.1708, 84.3668, 86.1889



16.8946, 17.0377, 19.7080



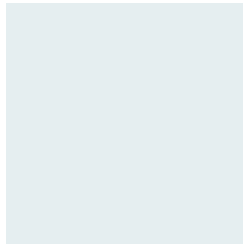
25.1994, 12.3522, 30.0302



2.1280, 1.0403, 2.6651

Previews

White Background



This preview shows how the XYZ color 78.6158, 84.0984, 94.5272 looks on a white background.

Color Contrast Check

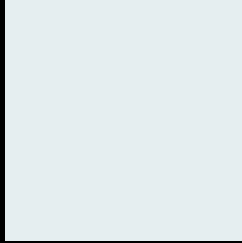
Large Text (above 18pt) WCAG AA × Fail

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 78.6158, 84.0984, 94.5272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

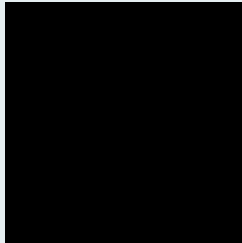
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

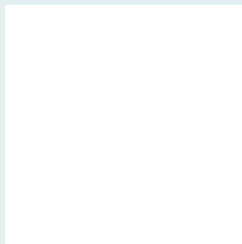
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6158, 84.0984, 94.5272

Background



This preview shows how black text looks on a background with the XYZ color 78.6158, 84.0984, 94.5272.



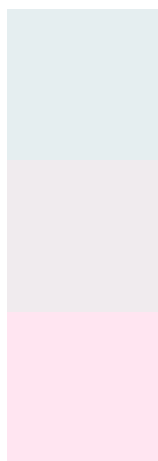
This preview shows how white text looks on a background with the XYZ color 78.6158, 84.0984,

94.5272.

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

78.6158, 84.0984, 94.5272

Protanopia

81.0761, 84.1150, 92.8516

Deuteranopia

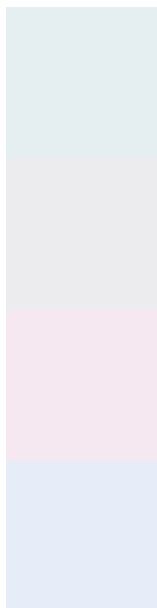
85.1365, 83.6495, 94.8779



Tritanopia

80.8398, 84.1356, 105.7450

Trichromacy



Original Color

78.6158, 84.0984, 94.5272

Protanomaly

80.1675, 84.0558, 93.6605

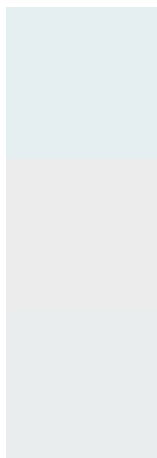
Deuteranomaly

82.7398, 83.6569, 95.0056

Tritanomaly

80.0162, 84.2309, 101.6634

Monochromacy



Original Color

78.6158, 84.0984, 94.5272

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.1745, 84.0064, 92.1627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6158, 84.0984, 94.5272 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(229, 238, 240) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.6158, 84.0984, 94.5272 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(229, 238, 240) }
```


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

```
.border{ border-color:rgb(229, 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(229, 238, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 238,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6158, 84.0984, 94.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 238, 240) }
```

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

```
.background{ background-color: rgb(229,  
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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