

Converting Colors

XYZ(78.3132, 84.0046, 94.7878)

Have a look what the booklet for
XYZ(78.3132, 84.0046, 94.7878)
contains.

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Color

**XYZ(78.2976, 83.9343,
94.5123)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EEF0
RGB	228, 238, 240
RGB Percent	89%, 93%, 94%
CMY	0.1059, 0.0666, 0.0588
CMYK	0.05, 0.01, 0.00, 0.06
HSL	190°, 29%, 92%
HSV	190°, 5%, 94%
XYZ	78.2976, 83.9343, 94.5123
YIQ	235.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

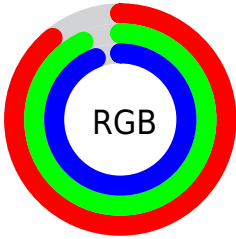
Format	Color
R _Y B	228, 233, 240
Decimal	15003376
CIE Lab	93.42, -2.93, -2.12
CIE LCh	93, 3.622, 215.909
Yxy	83.9343, 0.3050, 0.3269
Android (android.graphics.Color)	4293193456 (0xFFE4EEF0)
YUV	235.2380, 2.3477, -6.3477
Hunter-Lab	91.6157, -7.7758, 2.9664

Details

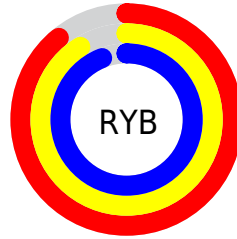
The XYZ color **78.2976, 83.9343, 94.5123** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.2358, 80.7196, 84.8570**, and the grayscale version is **79.1352, 83.2564, 90.6662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6133, 45.8008, 51.9419** is the 20% darker color. If you saturate the color by 10%, you get **70.0572, 77.9819, 93.7990**, and if you desaturate by 10%, it is **87.6255, 90.4902, 95.2874**.

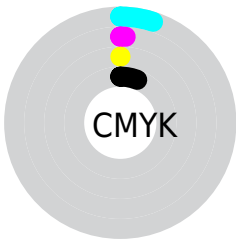
Distribution



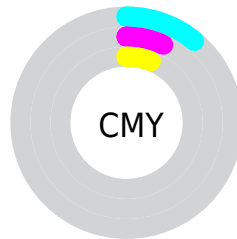
- Red (89%)
- Green (93%)
- Blue (94%)



- Red (89%)
- Yellow (91%)
- Blue (94%)



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



- Cyan (11%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2976, 83.9343, 94.5123 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 78.2976, 83.9343, 94.5123 by changing the saturation by 10% instead.

■ 78.2976, 83.9343,
94.5123

■ 78.2976, 83.9343,
94.5123

478.0013,
508.0950, 563.5469

■ 58.6221, 62.9612,
71.1345

129.9327,
138.8833, 155.5804

■ 42.5542, 45.8098,
51.9694

162.6230,
173.6279, 194.1078

■ 29.7285, 32.0958,
36.5986

200.3824,
213.7319, 238.5222

■ 19.7796, 21.4347,
24.6035

243.5760,
259.5795, 289.2420

■ 12.3423, 13.4421,
15.5656

292.5694,
311.5553, 346.6858

■ 7.0511, 7.7337,
9.0663

347.7278,

■ 3.5407, 3.9250,

370.0435, 411.2722

4.6870

409.4167,
435.4286, 483.4197

■ 1.4457, 1.6317,
2.0093

■ 0.2885, 0.3788,
0.5610

■ 78.2976, 83.9343,
94.5123

■ 78.2976, 83.9343,
94.5123

■ 70.0572, 77.9819,
93.7990

■ 87.6255, 90.4902,
95.2874

■ 62.8536, 72.5998,
93.1398

■ 89.9213, 93.4571,
95.7390

■ 56.6429, 67.7673,
92.5344

■ 91.1488, 95.9120,
96.1482

■ 51.3750, 63.4583,
91.9803

■ 92.4025, 98.4195,
96.5661

■ 46.9954, 59.6446,
91.4750

■ 92.7284, 99.0714,
96.6747

■ 43.4439, 56.2948,
91.0156

■ 40.6528, 53.3737,
90.5989

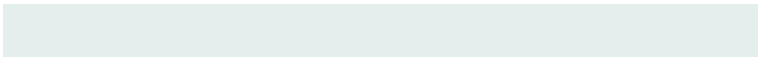
■ 38.5430, 50.8404,
90.2211

■ 37.0176, 48.6447,
89.8777

Harmonies

Analogous

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



77.9627, 83.9343, 91.9331



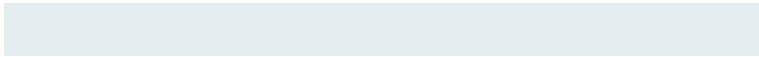
78.2976, 83.9343, 94.5123



79.0291, 83.9343, 96.2802

Triad

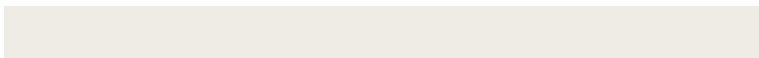
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2976, 83.9343, 94.5123



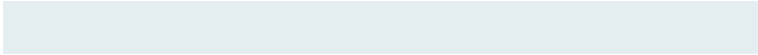
81.4667, 83.9343, 93.5557



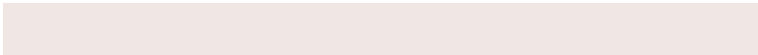
79.5880, 83.9343, 86.2537

Complementary

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



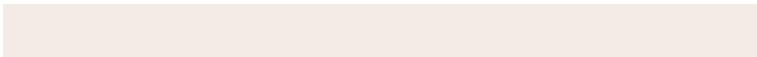
78.2976, 83.9343, 94.5123



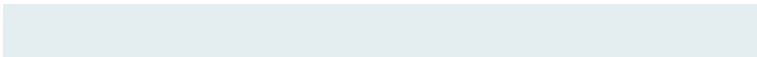
78.2358, 80.7196, 84.8570

Split Complementary

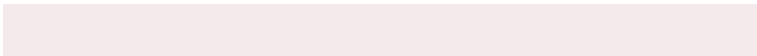
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5296, 83.9343, 86.6686



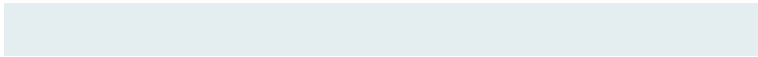
78.2976, 83.9343, 94.5123



81.6192, 83.9343, 90.8494

Square

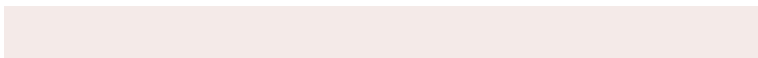
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



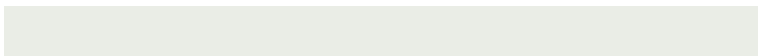
78.2976, 83.9343, 94.5123



80.8599, 83.9343, 95.7203



81.2750, 83.9343, 88.3376



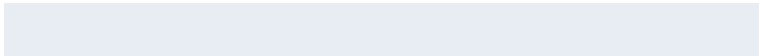
78.7039, 83.9343, 87.1927

Rectangle

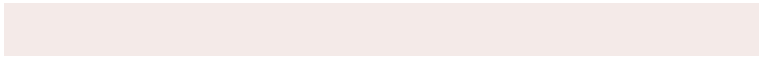
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



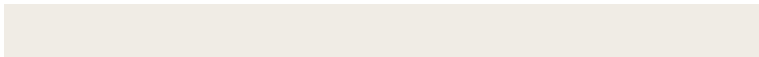
78.2976, 83.9343, 94.5123



79.6460, 83.9343, 96.7418



81.2750, 83.9343, 88.3376



79.9082, 83.9343, 86.2397

Sweetspot

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



78.3000, 83.9379, 94.5141



93.9829, 99.2492, 108.8113



77.4111, 84.5175, 86.9505



20.1275, 21.2513, 23.2910



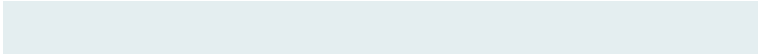
0.0000, 0.0000, 0.0000



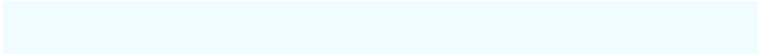
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3000, 83.9379, 94.5141



88.8368, 95.5996, 108.3781



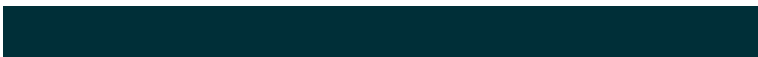
76.6373, 80.6125, 93.9599



16.5268, 17.8260, 20.2913



20.0105, 26.2452, 49.1390



1.7235, 2.3010, 4.1075

Inverse Universe

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



79.1130, 80.1867, 92.2010



89.9547, 90.4608, 105.1933



79.8780, 84.0039, 85.4044



16.7568, 16.7708, 19.6354



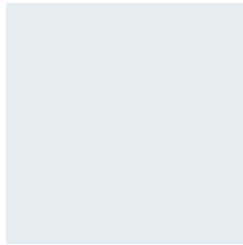
25.4260, 12.4428, 31.2234



2.1449, 1.0470, 2.7538

Previews

White Background



This preview shows how the XYZ color 78.2976, 83.9343, 94.5123 looks on a white background.

Color Contrast Check

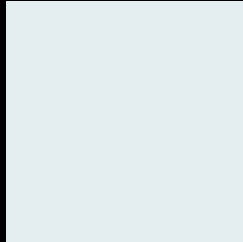
Large Text (above 18pt) WCAG AA × Fail

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 78.2976, 83.9343, 94.5123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

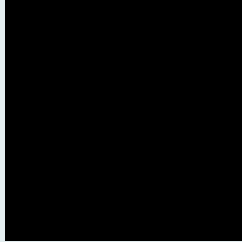
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

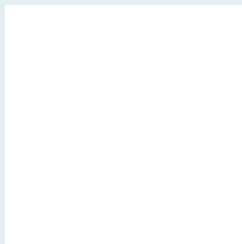
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2976, 83.9343, 94.5123

Background



This preview shows how black text looks on a background with the XYZ color 78.2976, 83.9343, 94.5123.



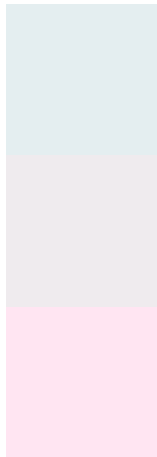
This preview shows how white text looks on a background with the XYZ color 78.2976, 83.9343,

94.5123.

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

78.2976, 83.9343, 94.5123

Protanopia

80.7376, 83.9404, 92.8357

Deuteranopia

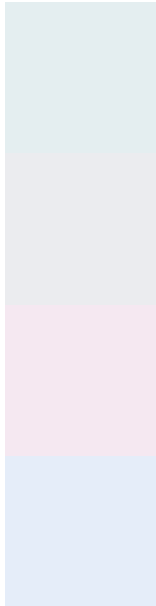
85.2863, 83.7094, 95.6669



Tritanopia

80.5180, 83.9697, 105.7299

Trichromacy



Original Color

78.2976, 83.9343, 94.5123

Protanomaly

79.8364, 83.8851, 93.6450

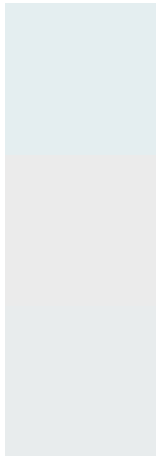
Deuteranomaly

82.3900, 83.4766, 94.9893

Tritanomaly

79.6962, 84.0659, 101.6484

Monochromacy



Original Color

78.2976, 83.9343, 94.5123

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.5602, 83.2611, 92.0512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2976, 83.9343, 94.5123 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(228, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 238, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.2976, 83.9343, 94.5123 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(228, 238, 240) }
```


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

```
.border{ border-color:rgb(228, 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(228, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 238,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2976, 83.9343, 94.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 238, 240) }
```

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

```
.background{ background-color: rgb(228,  
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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