

Converting Colors

XYZ(78.3131, 85.2798, 93.5333)

Have a look what the booklet for
XYZ(78.3131, 85.2798, 93.5333)
contains.

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Color

**XYZ(78.2519, 85.2524,
93.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F1EE
RGB	226, 241, 238
RGB Percent	89%, 95%, 93%
CMY	0.1137, 0.0549, 0.0667
CMYK	0.06, 0.00, 0.01, 0.05
HSL	168°, 35%, 92%
HSV	168°, 6%, 95%
XYZ	78.2519, 85.2524, 93.2200
YIQ	236.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

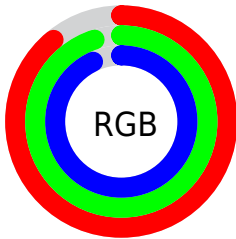
Format	Color
R _Y B	226, 234, 241
Decimal	14873070
CIE Lab	93.99, -5.48, -0.27
CIE LCh	94, 5.488, 182.803
Yxy	85.2524, 0.3048, 0.3321
Android (android.graphics.Color)	4293063150 (0xFFE2F1EE)
YUV	236.1730, 0.9007, -8.9217
Hunter-Lab	92.3322, -10.3020, 4.7725

Details

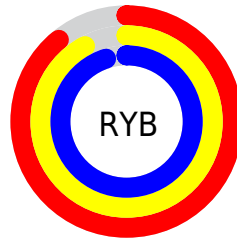
The XYZ color **78.2519, 85.2524, 93.2200** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.6179, 78.7527, 85.2425**, and the grayscale version is **79.8610, 84.0200, 91.4978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5870, 46.7332, 51.0318** is the 20% darker color. If you saturate the color by 10%, you get **70.5205, 81.3499, 89.2086**, and if you desaturate by 10%, it is **87.0694, 89.7173, 97.3850**.

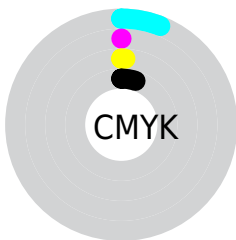
Distribution



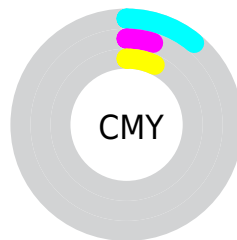
- Red (89%)
- Green (95%)
- Blue (93%)



- Red (89%)
- Yellow (92%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2519, 85.2524, 93.2200 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 78.2519, 85.2524, 93.2200 by changing the saturation by 10% instead.

■ 78.2519, 85.2524,
93.2200

■ 78.2519, 85.2524,
93.2200

477.8486,
512.4629, 559.2888

■ 58.5844, 64.0500,
70.0657

129.8686,
140.7258, 153.7775

■ 42.5238, 46.6911,
51.1030

162.5486,
175.7655, 192.0178

■ 29.7045, 32.7916,
35.9133

200.2969,
216.1864, 236.1238

■ 19.7614, 21.9668,
24.0780

243.4786,
262.3729, 286.5141

■ 12.3290, 13.8325,
15.1788

292.4593,
314.7094, 343.6072

■ 7.0419, 8.0043,
8.7969

347.6043,

■ 3.5349, 4.0977,

373.5803, 407.8216

4.5140

409.2790,
439.3700, 479.5760

■ 1.4425, 1.7284,
1.9113

■ 0.2862, 0.4419,
0.4999

■ 78.2519, 85.2524,
93.2200

■ 78.2519, 85.2524,
93.2200

■ 70.5205, 81.3499,
89.2086

■ 87.0694, 89.7173,
97.3850

■ 63.8238, 77.9763,
85.3423

■ 89.5862, 90.9296,
101.3532

■ 58.1168, 75.1107,
81.6199

■ 90.3432, 91.2324,
105.3398

■ 53.3485, 72.7269,
78.0383

■ 90.7469, 91.3939,
107.4656

■ 49.4633, 70.7962,
74.5942

■ 46.3996, 69.2869,
71.2837

■ 44.0877, 68.1631,
68.1030

■ 42.4461, 67.3827,
65.0472

■ 41.3734, 66.8936,
62.1108

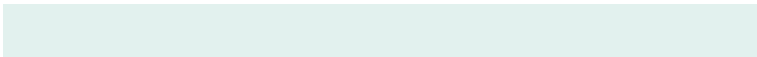
Harmonies

Analogous

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



78.5529, 85.2524, 89.1909



78.2519, 85.2524, 93.2200



78.6878, 85.2524, 97.2597

Triad

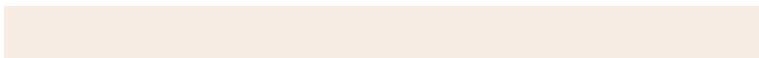
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2519, 85.2524, 93.2200



82.5637, 85.2524, 99.7646



82.3227, 85.2524, 85.8410

Complementary

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



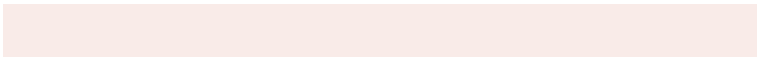
78.2519, 85.2524, 93.2200



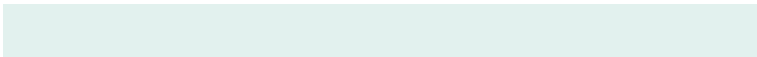
77.6179, 78.7527, 85.2425

Split Complementary

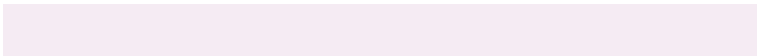
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4179, 85.2524, 88.5279



78.2519, 85.2524, 93.2200



83.5583, 85.2524, 96.5573

Square

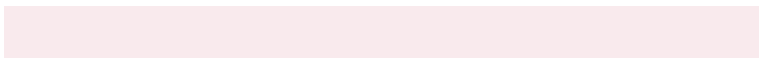
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



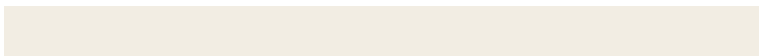
78.2519, 85.2524, 93.2200



81.1675, 85.2524, 101.1088



83.8728, 85.2524, 92.4319



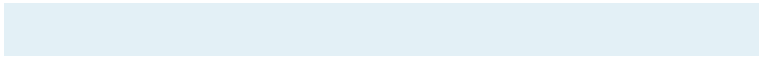
80.8923, 85.2524, 85.0072

Rectangle

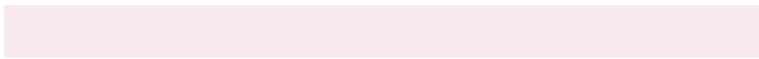
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2519, 85.2524, 93.2200



79.3407, 85.2524, 99.3933



83.8728, 85.2524, 92.4319



82.7428, 85.2524, 86.5534

Sweetspot

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



78.2543, 85.2560, 93.2219



93.0345, 98.9799, 107.9499



77.5783, 85.1045, 84.2906



19.9343, 21.1965, 23.1158



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

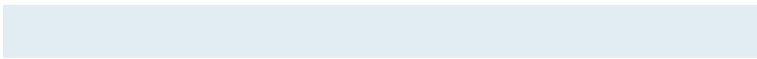
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2543, 85.2560, 93.2219



88.2151, 96.5423, 105.6047



77.4556, 82.9465, 95.1513



16.4274, 18.0351, 19.7332



22.3117, 36.2167, 33.3540



1.8902, 3.0265, 2.9540

Inverse Universe

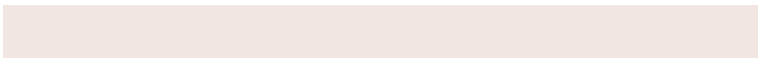
The Inverse Universe completely reimagines the original color for something new.



77.6179, 78.7527, 85.2425



87.4035, 88.2496, 95.4300



78.3724, 80.9272, 83.4425



16.2639, 16.3647, 17.6838



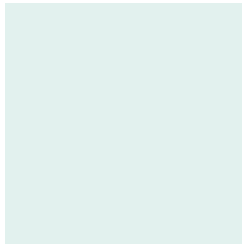
20.0016, 10.2731, 2.6590



1.6982, 0.8683, 0.4018

Previews

White Background



This preview shows how the XYZ color 78.2519, 85.2524, 93.2200 looks on a white background.

Color Contrast Check

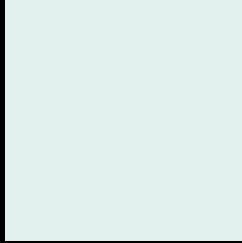
Large Text (above 18pt) WCAG AA × Fail

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 78.2519, 85.2524, 93.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

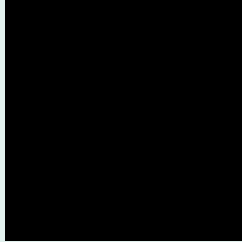
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

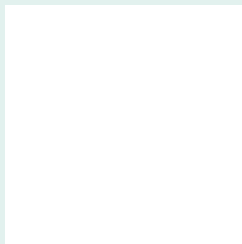
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2519, 85.2524, 93.2200

Background



This preview shows how black text looks on a background with the XYZ color 78.2519, 85.2524, 93.2200.



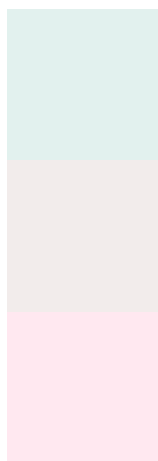
This preview shows how white text looks on a background with the XYZ color 78.2519, 85.2524,

93.2200.

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

78.2519, 85.2524, 93.2200

Protanopia

81.6088, 84.8663, 90.6769

Deuteranopia

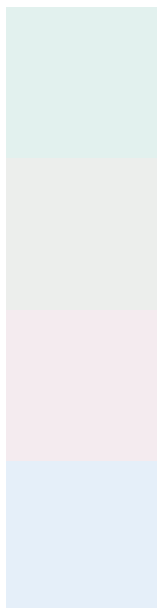
85.8248, 85.2645, 94.3723



Tritanopia

81.2577, 85.1921, 106.7687

Trichromacy



Original Color

78.2519, 85.2524, 93.2200

Protanomaly

80.3069, 85.0381, 91.5382

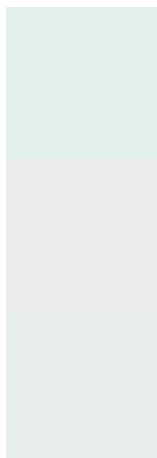
Deuteranomaly

82.5965, 84.8818, 93.6919

Tritanomaly

80.2785, 85.2306, 101.8425

Monochromacy



Original Color

78.2519, 85.2524, 93.2200

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.1393, 84.4193, 92.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2519, 85.2524, 93.2200 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(226, 241, 238) looks like.

```
.text, #text, p{  
    color:rgb(226, 241, 238)  
}
```

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(226, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 241, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.2519, 85.2524, 93.2200 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(226, 241, 238) }
```


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

```
.border{ border-color:rgb(226, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(226, 241,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2519, 85.2524, 93.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 241, 238) }
```

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

```
.background{ background-color: rgb(226,  
241, 238) }
```

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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