

Converting Colors

XYZ(78.3045, 85.2400, 95.1194)

Have a look what the booklet for
XYZ(78.3045, 85.2400, 95.1194)
contains.

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Color

**XYZ(78.2348, 85.2094,
94.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F1F0
RGB	225, 241, 240
RGB Percent	88%, 95%, 94%
CMY	0.1176, 0.0549, 0.0588
CMYK	0.07, 0.00, 0.00, 0.05
HSL	176°, 36%, 91%
HSV	176°, 7%, 95%
XYZ	78.2348, 85.2094, 94.7617
YIQ	236.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

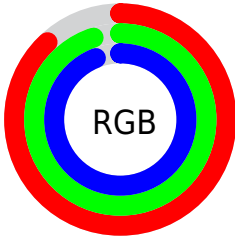
Format	Color
R_{YB}	225, 233, 241
Decimal	14807536
CIE _{Lab}	93.97, -5.44, -1.34
CIE _{LCh}	94, 5.599, 193.863
Yxy	85.2094, 0.3030, 0.3300
Android (android.graphics.Color)	4292997616 (0xFFE1F1F0)
YUV	236.1020, 1.9217, -9.7365
Hunter-Lab	92.3089, -10.2561, 3.7508

Details

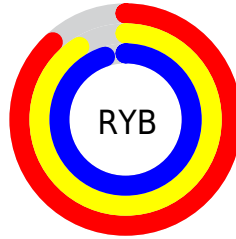
The XYZ color **78.2348, 85.2094, 94.7617** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9314, 78.0444, 82.9649**, and the grayscale version is **79.7997, 83.9555, 91.4276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5783, 46.7047, 52.1182** is the 20% darker color. If you saturate the color by 10%, you get **71.0225, 81.5195, 93.2585**, and if you desaturate by 10%, it is **86.5143, 89.4539, 96.3281**.

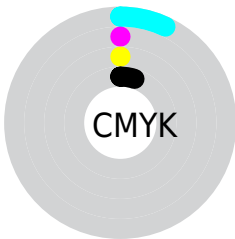
Distribution



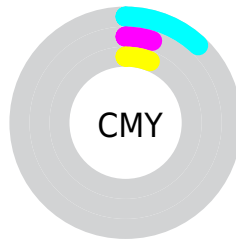
- Red (88%)
- Green (95%)
- Blue (94%)



- Red (88%)
- Yellow (91%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2348, 85.2094, 94.7617 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 78.2348, 85.2094, 94.7617 by changing the saturation by 10% instead.

78.2348, 85.2094,
94.7617

78.2348, 85.2094,
94.7617

477.7915,
512.3207, 564.3666

58.5703, 64.0144,
71.3409

129.8447,
140.6657, 155.9281

42.5124, 46.6624,
52.1369

162.5208,
175.6958, 194.5107

29.6956, 32.7688,
36.7312

200.2649,
216.1064, 238.9844

19.7545, 21.9494,
24.7053

243.4422,
262.2819, 289.7676

12.3240, 13.8197,
15.6406

292.4182,
314.6067, 347.2788

7.0385, 7.9954,
9.1186

347.5581,

3.5327, 4.0920,

373.4652, 411.9368

4.7208

409.2275,
439.2417, 484.1598

■ 1.4413, 1.7252,
2.0285

■ 0.2854, 0.4399,
0.5727

■ 78.2348, 85.2094,
94.7617

■ 78.2348, 85.2094,
94.7617

■ 71.0225, 81.5195,
93.2585

■ 86.5143, 89.4539,
96.3281

■ 64.8259, 78.3507,
91.8108

■ 88.8783, 90.6464,
97.6258

■ 59.6002, 75.6821,
90.4183

■ 89.1076, 90.7381,
98.8333

■ 55.2943, 73.4876,
89.0785

■ 89.3388, 90.8306,
100.0508

■ 51.8526, 71.7383,
87.7888

■ 89.5719, 90.9238,
101.2782

■ 49.2131, 70.4024,
86.5463

■ 89.8069, 91.0178,
102.5156

■ 47.3062, 69.4438,
85.3477

■ 90.0437, 91.1125,
103.7629

■ 46.0497, 68.8204,
84.1892

■ 90.2825, 91.2080,
105.0203

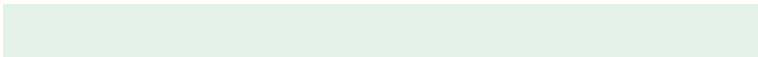
■ 45.3403, 68.4789,
83.0659

■ 90.5232, 91.3043,
106.2877

Harmonies

Analogous

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



78.2636, 85.2094, 90.5132



78.2348, 85.2094, 94.7617



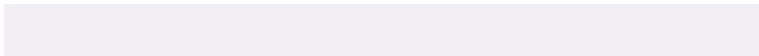
78.9376, 85.2094, 98.5907

Triad

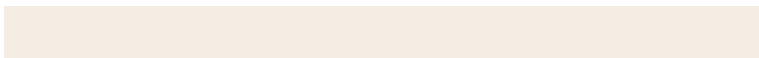
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2348, 85.2094, 94.7617



82.9938, 85.2094, 98.8309



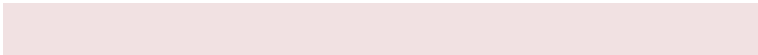
81.7891, 85.2094, 85.1058

Complementary

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



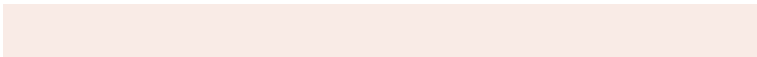
78.2348, 85.2094, 94.7617



76.9314, 78.0444, 82.9649

Split Complementary

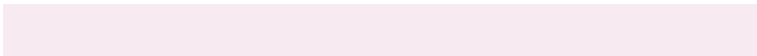
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0756, 85.2094, 87.1995



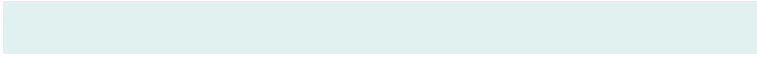
78.2348, 85.2094, 94.7617



83.7769, 85.2094, 95.0814

Square

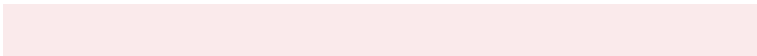
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2348, 85.2094, 94.7617



81.6785, 85.2094, 100.9884



83.8070, 85.2094, 90.8233



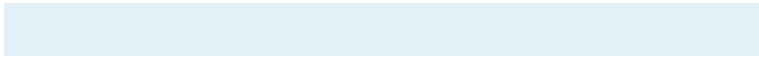
80.3033, 85.2094, 85.0262

Rectangle

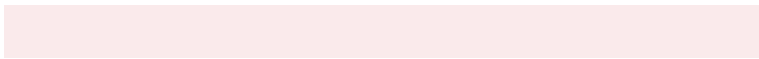
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



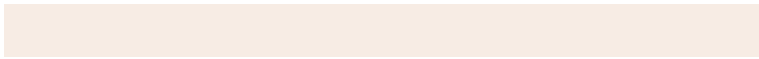
78.2348, 85.2094, 94.7617



79.7315, 85.2094, 100.3538



83.8070, 85.2094, 90.8233



82.2597, 85.2094, 85.5944

Sweetspot

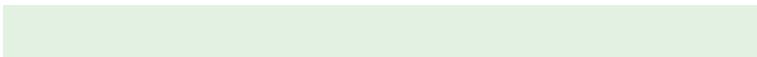
The Sweet Spot groups the original color and five complimentary colors.



78.2372, 85.2130, 94.7636



93.1470, 99.0249, 108.5423



76.4333, 84.5300, 83.5229



19.9572, 21.2056, 23.2363



0.0000, 0.0000, 0.0000



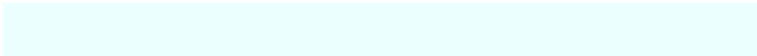
20.3446, 21.4041, 23.3091

Same Dimension

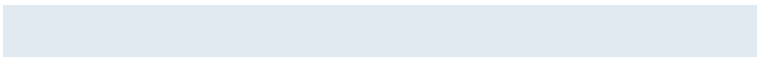
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2372, 85.2130, 94.7636



87.7337, 96.2520, 107.4859



76.3728, 81.2448, 94.8799



16.2021, 17.9108, 20.0869



24.5120, 37.0968, 44.9409



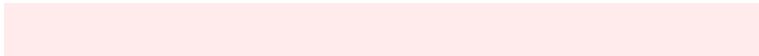
2.0520, 3.0913, 3.8064

Inverse Universe

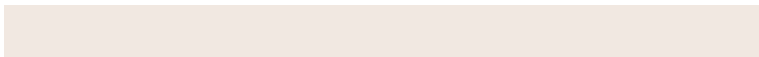
The Inverse Universe completely reimagines the original color for something new.



76.9314, 78.0444, 82.9649



85.9567, 86.4970, 91.4303



78.7071, 81.8157, 82.8792



15.8130, 15.7749, 16.5715



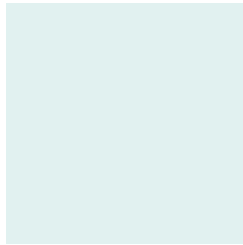
19.7349, 10.1664, 1.2546



1.6558, 0.8513, 0.1781

Previews

White Background



This preview shows how the XYZ color 78.2348, 85.2094, 94.7617 looks on a white background.

Color Contrast Check

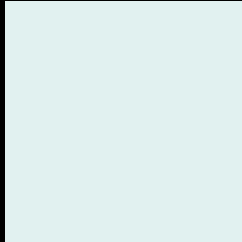
Large Text (above 18pt) WCAG AA × Fail

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 78.2348, 85.2094, 94.7617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

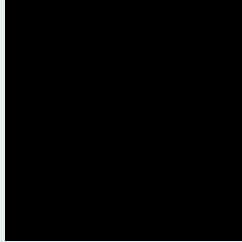
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

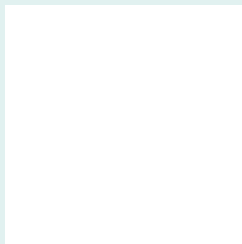
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2348, 85.2094, 94.7617

Background



This preview shows how black text looks on a background with the XYZ color 78.2348, 85.2094, 94.7617.



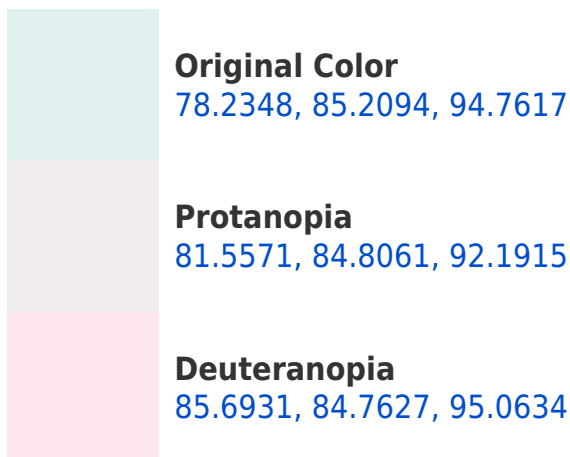
This preview shows how white text looks on a background with the XYZ color 78.2348, 85.2094,

94.7617.

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

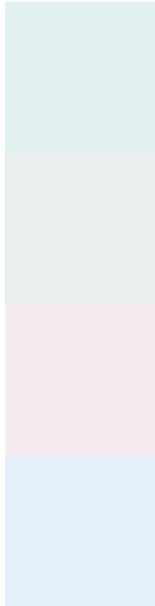




Tritanopia

80.9376, 85.0271, 106.7537

Trichromacy



Original Color

78.2348, 85.2094, 94.7617

Protanomaly

80.2681, 84.9843, 93.0619

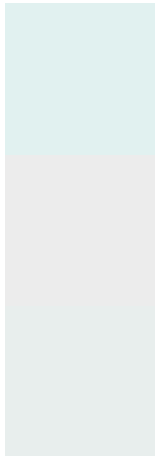
Deuteranomaly

82.8937, 85.0006, 95.2569

Tritanomaly

80.1167, 85.1291, 102.6514

Monochromacy



Original Color

78.2348, 85.2094, 94.7617

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 78.2348, 85.2094, 94.7617 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(225, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 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(225, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.2348, 85.2094, 94.7617 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(225, 241, 240) }
```


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

```
.border{ border-color:rgb(225, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(225, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2348, 85.2094, 94.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 240) }
```

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

```
.background{ background-color: rgb(225,  
241, 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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