

Converting Colors

XYZ(79.5620, 86.6812, 94.7203)

Have a look what the booklet for
XYZ(79.5620, 86.6812, 94.7203)
contains.

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Color

**XYZ(79.7737, 86.8864,
95.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F3F0
RGB	228, 243, 240
RGB Percent	89%, 95%, 94%
CMY	0.1059, 0.0470, 0.0588
CMYK	0.06, 0.00, 0.01, 0.05
HSL	168°, 38%, 92%
HSV	168°, 6%, 95%
XYZ	79.7737, 86.8864, 95.0043
YIQ	238.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

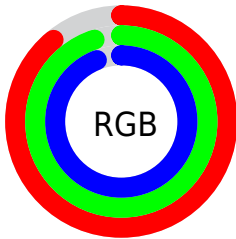
Format	Color
R_{YB}	228, 236, 243
Decimal	15004656
CIE _{Lab}	94.69, -5.47, -0.27
CIE _{LCh}	95, 5.479, 182.808
Yxy	86.8864, 0.3049, 0.3321
Android (android.graphics.Color)	4293194736 (0xFFE4F3F0)
YUV	238.1730, 0.9007, -8.9217
Hunter-Lab	93.2129, -10.3582, 4.8195

Details

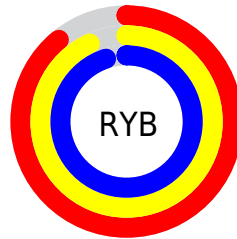
The XYZ color **79.7737, 86.8864, 95.0043** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1326, 80.3134, 86.9368**, and the grayscale version is **81.4017, 85.6410, 93.2630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6556, 47.8856, 52.2893** is the 20% darker color. If you saturate the color by 10%, you get **71.8874, 82.9057, 90.9144**, and if you desaturate by 10%, it is **88.7678, 91.4408, 99.2508**.

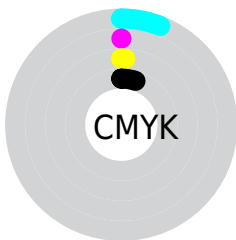
Distribution



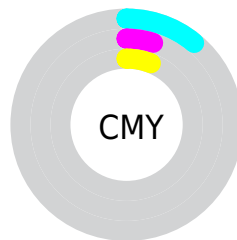
- Red (89%)
- Green (95%)
- Blue (94%)



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



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



- Cyan (11%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7737, 86.8864, 95.0043 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 79.7737, 86.8864, 95.0043 by changing the saturation by 10% instead.

■ 79.7737, 86.8864,
95.0043

■ 79.7737, 86.8864,
95.0043

482.9180,
517.8495, 565.1634

■ 59.8400, 65.4012,
71.5416

131.9997,
143.0058, 156.2662

■ 43.5386, 47.7865,
52.2998

165.0227,
178.4088, 194.9025

■ 30.5043, 33.6578,
36.8602

203.1395,
219.2198, 239.4337

■ 20.3717, 22.6309,
24.8043

246.7155,
265.8233, 290.2785

■ 12.7753, 14.3212,
15.7136

296.1160,
318.6036, 347.8553

■ 7.3499, 8.3444,
9.1696

351.7063,

■ 3.7302, 4.3161,

377.9451, 412.5827

4.7536

413.8519,
444.2323, 484.8792

■ 1.5506, 1.8519,
2.0473

■ 0.3599, 0.5192,
0.5841

■ 79.7737, 86.8864,
95.0043

■ 79.7737, 86.8864,
95.0043

■ 71.8874, 82.9057,
90.9144

■ 88.7678, 91.4408,
99.2508

■ 65.0565, 79.4644,
86.9725

■ 90.5055, 92.2497,
103.2578

■ 59.2352, 76.5414,
83.1774

■ 91.2773, 92.5585,
107.3224

■ 54.3715, 74.1098,
79.5259

■ 91.3422, 92.5844,
107.6641

■ 50.4085, 72.1404,
76.0146

■ 47.2835, 70.6009,
72.6397

■ 44.9253, 69.4546,
69.3970

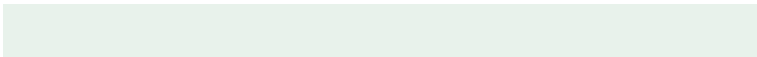
■ 43.2510, 68.6586,
66.2817

■ 42.1571, 68.1598,
63.2884

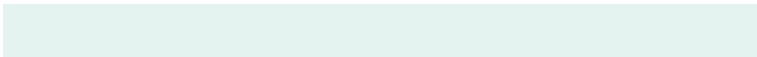
Harmonies

Analogous

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



80.0780, 86.8864, 90.9297



79.7737, 86.8864, 95.0043



80.2146, 86.8864, 99.0885

Triad

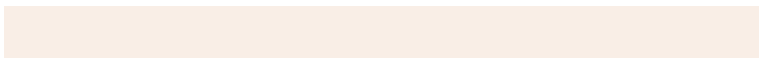
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7737, 86.8864, 95.0043



84.1341, 86.8864, 101.6195



83.8899, 86.8864, 87.5404

Complementary

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



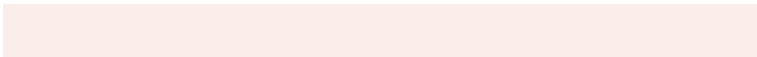
79.7737, 86.8864, 95.0043



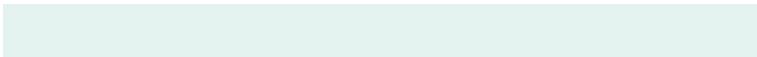
79.1326, 80.3134, 86.9368

Split Complementary

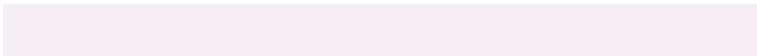
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9973, 86.8864, 90.2579



79.7737, 86.8864, 95.0043



85.1395, 86.8864, 98.3770

Square

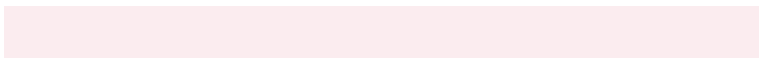
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7737, 86.8864, 95.0043



82.7224, 86.8864, 102.9785



85.4573, 86.8864, 94.2059



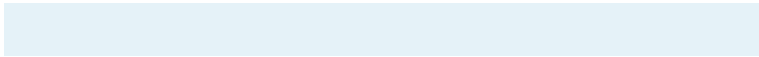
82.4436, 86.8864, 86.6973

Rectangle

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



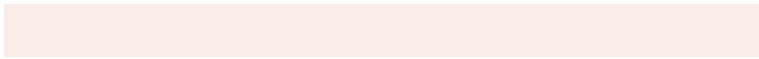
79.7737, 86.8864, 95.0043



80.8750, 86.8864, 101.2451



85.4573, 86.8864, 94.2059



84.3147, 86.8864, 88.2609

Sweetspot

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



79.7762, 86.8901, 95.0062



93.0345, 98.9799, 107.9499



79.0927, 86.7370, 85.9735



19.9343, 21.1965, 23.1158



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

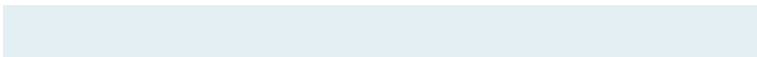
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7762, 86.8901, 95.0062



88.2151, 96.5423, 105.6047



78.9687, 84.5550, 96.9569



17.1854, 18.8690, 20.6458



23.0060, 37.3472, 34.3809



2.0573, 3.2966, 3.2075

Inverse Universe

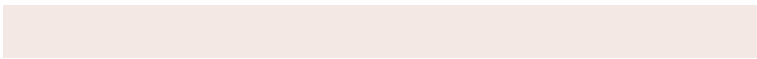
The Inverse Universe completely reimagines the original color for something new.



79.1326, 80.3134, 86.9368



87.4035, 88.2496, 95.4300



79.8957, 82.5129, 85.1158



17.0140, 17.1177, 18.4970



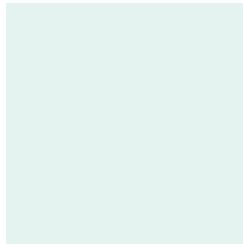
20.6243, 10.5932, 2.7300



1.8477, 0.9451, 0.4246

Previews

White Background



This preview shows how the XYZ color 79.7737, 86.8864, 95.0043 looks on a white background.

Color Contrast Check

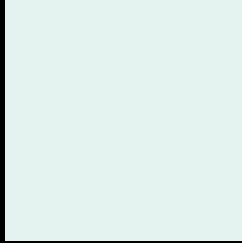
Large Text (above 18pt) WCAG AA × Fail

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 79.7737, 86.8864, 95.0043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

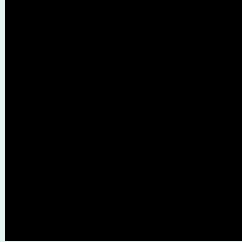
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

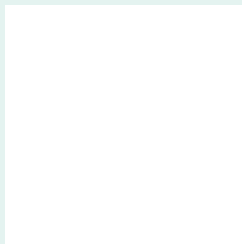
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7737, 86.8864, 95.0043

Background



This preview shows how black text looks on a background with the XYZ color 79.7737, 86.8864, 95.0043.



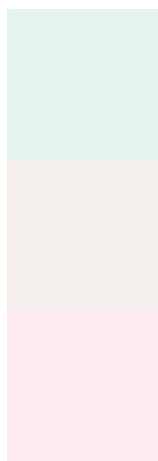
This preview shows how white text looks on a background with the XYZ color 79.7737, 86.8864,

95.0043.

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

79.7737, 86.8864, 95.0043

Protanopia

83.1688, 86.4966, 92.4328

Deuteranopia

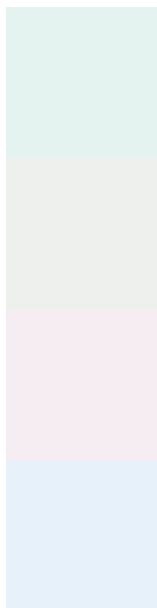
86.5400, 86.4565, 95.3457



Tritanopia

82.8144, 86.8638, 107.0093

Trichromacy



Original Color

79.7737, 86.8864, 95.0043

Protanomaly

81.8526, 86.6704, 93.3039

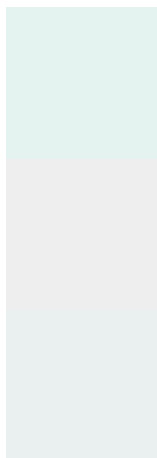
Deuteranomaly

83.8176, 86.3317, 95.4651

Tritanomaly

81.6656, 86.8016, 102.8926

Monochromacy



Original Color

79.7737, 86.8864, 95.0043

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.6718, 86.0446, 94.0178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7737, 86.8864, 95.0043 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, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 243, 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, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 243, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.7737, 86.8864, 95.0043 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, 243, 240) }
```


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

```
.border{ border-color:rgb(228, 243, 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, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 243,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7737, 86.8864, 95.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 243, 240) }
```

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

```
.background{ background-color: rgb(228,  
243, 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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