

Converting Colors

XYZ(79.3212, 86.1696, 94.5224)

Have a look what the booklet for
XYZ(79.3212, 86.1696, 94.5224)
contains.

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Color

**XYZ(79.4752, 86.2895,
94.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F2F0
RGB	228, 242, 240
RGB Percent	89%, 95%, 94%
CMY	0.1059, 0.0510, 0.0588
CMYK	0.06, 0.00, 0.01, 0.05
HSL	171°, 35%, 92%
HSV	171°, 6%, 95%
XYZ	79.4752, 86.2895, 94.9048
YIQ	237.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

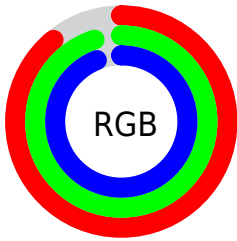
Format	Color
R _Y B	228, 236, 242
Decimal	15004400
CIE Lab	94.44, -4.97, -0.64
CIE LCh	94, 5.007, 187.340
Yxy	86.2895, 0.3049, 0.3310
Android (android.graphics.Color)	4293194480 (0xFFE4F2F0)
YUV	237.5860, 1.1901, -8.4069
Hunter-Lab	92.8921, -9.8430, 4.4499

Details

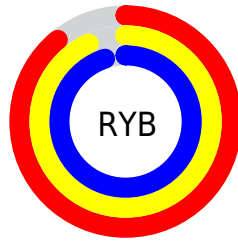
The XYZ color **79.4752, 86.2895, 94.9048** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.6474, 80.0795, 86.1787**, and the grayscale version is **80.9454, 85.1609, 92.7402**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4442, 47.4627, 52.2189** is the 20% darker color. If you saturate the color by 10%, you get **71.8199, 82.4043, 91.8882**, and if you desaturate by 10%, it is **88.2199, 90.7399, 98.0272**.

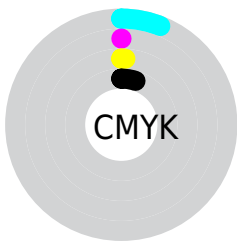
Distribution



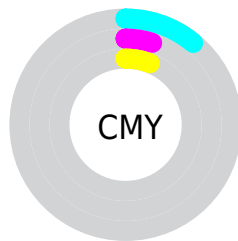
- Red (89%)
- Green (95%)
- Blue (94%)



- 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 79.4752, 86.2895, 94.9048 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 79.4752, 86.2895, 94.9048 by changing the saturation by 10% instead.

79.4752, 86.2895,
94.9048

79.4752, 86.2895,
94.9048

481.9260,
515.8853, 564.8367

59.5936, 64.9074,
71.4593

131.5820,
142.1734, 156.1275

43.3393, 47.3860,
52.2330

164.5380,
177.4440, 194.7418

30.3471, 33.3409,
36.8073

202.5827,
218.1129, 239.2495

20.2516, 22.3877,
24.7637

246.0816,
264.5644, 290.0690

12.6874, 14.1421,
15.6837

295.4000,
317.1831, 347.6189

7.2891, 8.2195,
9.1487

350.9033,

3.6915, 4.2358,

376.3531, 412.3178

4.7401

412.9569,
442.4591, 484.5843

■ 1.5291, 1.8063,
2.0396

■ 0.3455, 0.4911,
0.5794

■ 79.4752, 86.2895,
94.9048

■ 79.4752, 86.2895,
94.9048

■ 71.8199, 82.4043,
91.8882

■ 88.2199, 90.7399,
98.0272

■ 65.2021, 79.0505,
88.9694

■ 89.7711, 91.4784,
100.8627

■ 59.5769, 76.2072,
86.1477

■ 90.3104, 91.6942,
103.7026

■ 54.8929, 73.8480,
83.4205

■ 90.8597, 91.9139,
106.5951

■ 51.0942, 71.9441,
80.7848

■ 91.0438, 91.9875,
107.5646

■ 48.1190, 70.4637,
78.2375

■ 45.8975, 69.3706,
75.7750

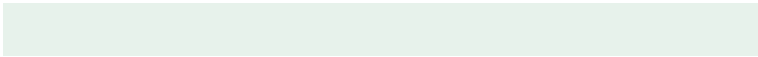
■ 44.3480, 68.6229,
73.3932

■ 43.3697, 68.1686,
71.0870

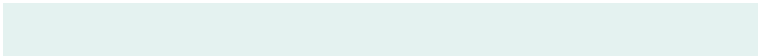
Harmonies

Analogous

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



79.6502, 86.2895, 91.1276



79.4752, 86.2895, 94.9048



79.9749, 86.2895, 98.5228

Triad

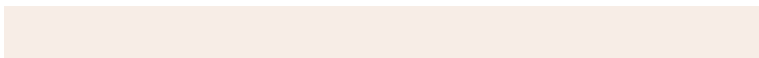
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4752, 86.2895, 94.9048



83.5955, 86.2895, 99.9721



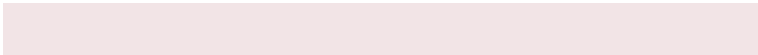
83.0168, 86.2895, 87.2788

Complementary

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



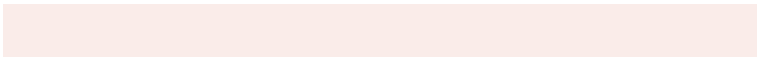
79.4752, 86.2895, 94.9048



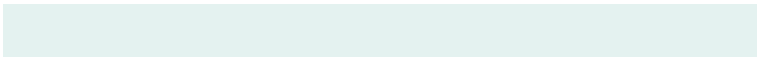
78.6474, 80.0795, 86.1787

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.



84.0907, 86.2895, 89.5298



79.4752, 86.2895, 94.9048



84.4273, 86.2895, 96.8394

Square

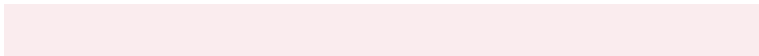
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4752, 86.2895, 94.9048



82.3467, 86.2895, 101.4999



84.6095, 86.2895, 93.0108



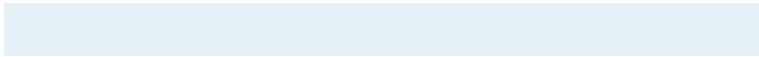
81.6854, 86.2895, 86.7928

Rectangle

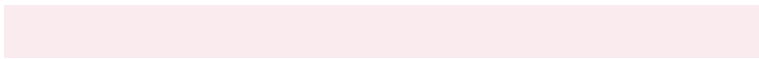
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



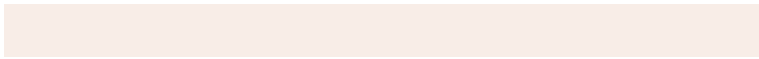
79.4752, 86.2895, 94.9048



80.6267, 86.2895, 100.3344



84.6095, 86.2895, 93.0108



83.4203, 86.2895, 87.8511

Sweetspot

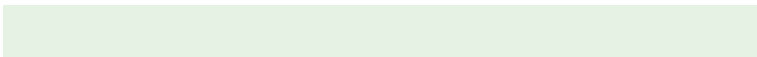
The Sweet Spot groups the original color and five complimentary colors.



79.4777, 86.2932, 94.9067



93.0812, 98.9986, 108.1957



78.4236, 85.9490, 85.8565



19.9438, 21.2003, 23.1658



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

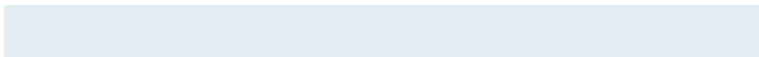
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4777, 86.2932, 94.9067



88.3766, 96.6069, 106.4554



78.3377, 83.5341, 96.0036



16.4600, 18.0481, 19.9050



23.1714, 36.5606, 37.8811



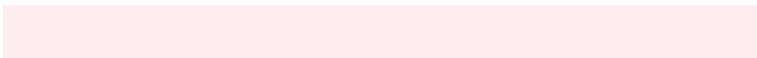
1.9540, 3.0521, 3.2903

Inverse Universe

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



78.6474, 80.0795, 86.1787



87.2519, 88.1890, 94.6314



79.7351, 82.7027, 85.1608



16.2335, 16.3525, 17.5234



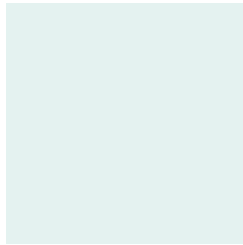
19.8610, 10.2168, 1.9185



1.6805, 0.8612, 0.3082

Previews

White Background



This preview shows how the XYZ color 79.4752, 86.2895, 94.9048 looks on a white background.

Color Contrast Check

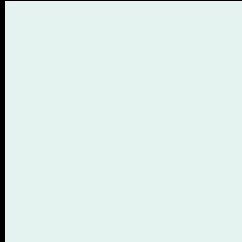
Large Text (above 18pt) WCAG AA × Fail

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 79.4752, 86.2895, 94.9048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

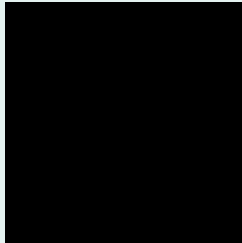
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

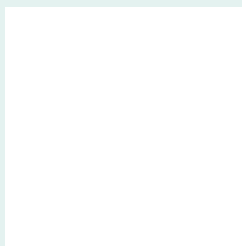
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4752, 86.2895, 94.9048

Background



This preview shows how black text looks on a background with the XYZ color 79.4752, 86.2895, 94.9048.



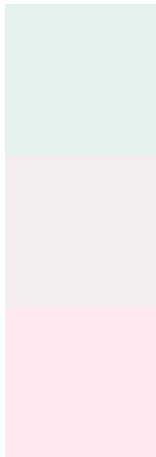
This preview shows how white text looks on a background with the XYZ color 79.4752, 86.2895,

94.9048.

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

79.4752, 86.2895, 94.9048

Protanopia

82.8227, 86.3182, 92.4166

Deuteranopia

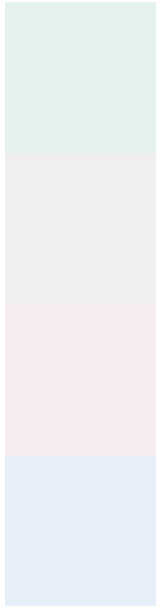
86.2561, 85.8887, 95.2511



Tritanopia

82.1952, 86.1088, 106.8963

Trichromacy



Original Color

79.4752, 86.2895, 94.9048

Protanomaly

81.5590, 86.0832, 93.2060

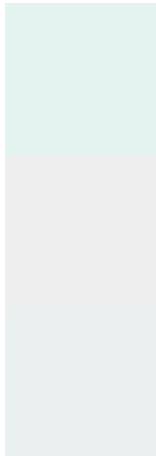
Deuteranomaly

83.5288, 85.7543, 95.3689

Tritanomaly

81.3704, 86.2112, 102.7942

Monochromacy



Original Color

79.4752, 86.2895, 94.9048

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.3782, 85.4574, 93.9199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4752, 86.2895, 94.9048 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, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 242, 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, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.4752, 86.2895, 94.9048 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, 242, 240) }
```


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

```
.border{ border-color:rgb(228, 242, 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, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4752, 86.2895, 94.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 242, 240) }
```

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

```
.background{ background-color: rgb(228,  
242, 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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