

Converting Colors

XYZ(79.7737, 86.7389, 96.8846)

Have a look what the booklet for
XYZ(79.7737, 86.7389, 96.8846)
contains.

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Color

**XYZ(79.7562, 86.8429,
96.5632)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F3F2
RGB	227, 243, 242
RGB Percent	89%, 95%, 95%
CMY	0.1098, 0.0470, 0.0510
CMYK	0.07, 0.00, 0.00, 0.05
HSL	176°, 40%, 92%
HSV	176°, 7%, 95%
XYZ	79.7562, 86.8429, 96.5632
YIQ	238.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

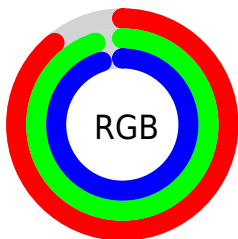
Format	Color
R_{YB}	227, 235, 243
Decimal	14939122
CIE _{Lab}	94.67, -5.43, -1.34
CIE _{LCh}	95, 5.590, 193.868
Yxy	86.8429, 0.3031, 0.3300
Android (android.graphics.Color)	4293129202 (0xFFE3F3F2)
YUV	238.1020, 1.9217, -9.7365
Hunter-Lab	93.1895, -10.3126, 3.7963

Details

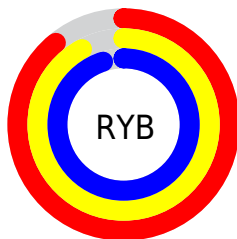
The XYZ color **79.7562, 86.8429, 96.5632** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4380, 79.5967, 84.6325**, and the grayscale version is **81.3398, 85.5758, 93.1921**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6465, 47.8565, 53.3912** is the 20% darker color. If you saturate the color by 10%, you get **72.3988, 83.0788, 95.0306**, and if you desaturate by 10%, it is **88.2022, 91.1728, 98.1603**.

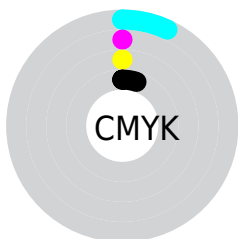
Distribution



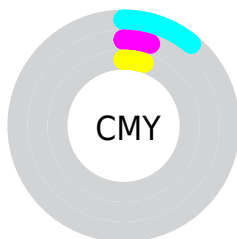
- Red (89%)
- Green (95%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7562, 86.8429, 96.5632 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 79.7562, 86.8429, 96.5632 by changing the saturation by 10% instead.

79.7562, 86.8429,
96.5632

79.7562, 86.8429,
96.5632

482.8599,
517.7065, 570.2691

59.8255, 65.3652,
72.8327

131.9752,
142.9451, 158.4366

43.5269, 47.7573,
53.3481

164.9943,
178.3385, 197.4165

30.4951, 33.6347,
37.6911

203.1069,
219.1392, 242.3166

20.3646, 22.6131,
25.4431

246.6783,
265.7316, 293.5554

12.7702, 14.3081,
16.1855

296.0740,
318.5001, 351.5516

7.3464, 8.3353,
9.4997

351.6592,

3.7279, 4.3102,

377.8292, 416.7235

4.9673

413.7994,
444.1032, 489.4898

■ 1.5494, 1.8486,
2.1697

■ 0.3591, 0.5172,
0.6568

■ 79.7562, 86.8429,
96.5632

■ 79.7562, 86.8429,
96.5632

■ 72.3988, 83.0788,
95.0306

■ 88.2022, 91.1728,
98.1603

■ 66.0776, 79.8462,
93.5546

■ 89.7813, 91.9601,
99.4442

■ 60.7467, 77.1239,
92.1349

■ 90.0150, 92.0536,
100.6752

■ 56.3540, 74.8851,
90.7690

■ 90.2507, 92.1479,
101.9163

■ 52.8429, 73.1005,
89.4542

■ 90.4883, 92.2429,
103.1676

■ 50.1502, 71.7376,
88.1875

■ 90.7279, 92.3387,
104.4290

■ 48.2047, 70.7597,
86.9656

■ 90.9694, 92.4353,
105.7006

■ 46.9228, 70.1236,
85.7846

■ 91.2128, 92.5327,
106.9824

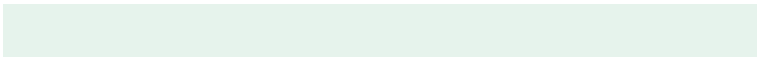
■ 46.1993, 69.7753,
84.6395

■ 91.3422, 92.5845,
107.6641

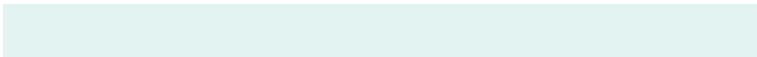
Harmonies

Analogous

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



79.7852, 86.8429, 92.2668



79.7562, 86.8429, 96.5632



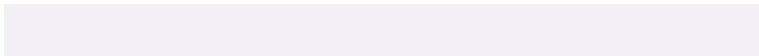
80.4671, 86.8429, 100.4343

Triad

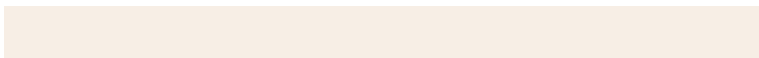
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7562, 86.8429, 96.5632



84.5690, 86.8429, 100.6761



83.3505, 86.8429, 86.7962

Complementary

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



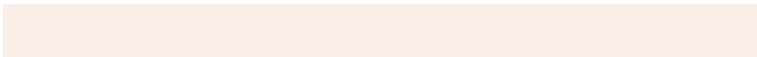
79.7562, 86.8429, 96.5632



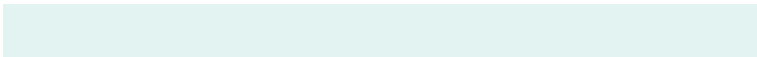
78.4380, 79.5967, 84.6325

Split Complementary

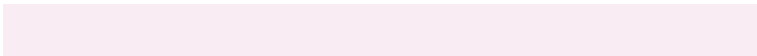
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6514, 86.8429, 88.9139



79.7562, 86.8429, 96.5632



85.3607, 86.8429, 96.8851

Square

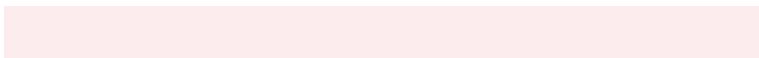
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7562, 86.8429, 96.5632



83.2391, 86.8429, 102.8574



85.3910, 86.8429, 92.5791



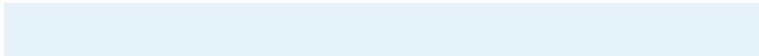
81.8480, 86.8429, 86.7159

Rectangle

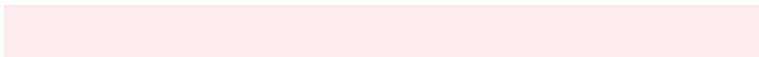
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



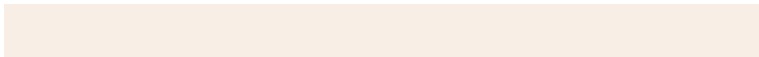
79.7562, 86.8429, 96.5632



81.2701, 86.8429, 102.2164



85.3910, 86.8429, 92.5791



83.8263, 86.8429, 87.2904

Sweetspot

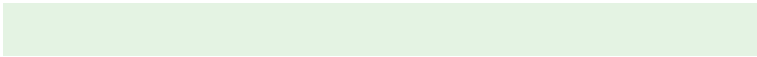
The Sweet Spot groups the original color and five complimentary colors.



79.7587, 86.8466, 96.5651



93.1471, 99.0249, 108.5424



77.9344, 86.1559, 85.1966



19.9572, 21.2056, 23.2363



0.0000, 0.0000, 0.0000



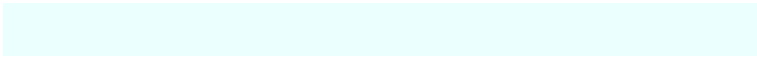
20.3446, 21.4041, 23.3091

Same Dimension

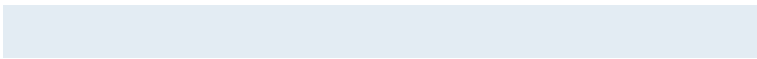
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7587, 86.8466, 96.5651



87.7337, 96.2520, 107.4859



77.8735, 82.8342, 96.6826



16.9492, 18.7388, 21.0168



25.2769, 38.2556, 46.3395



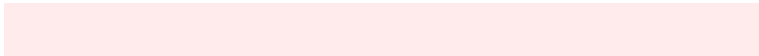
2.2349, 3.3676, 4.1431

Inverse Universe

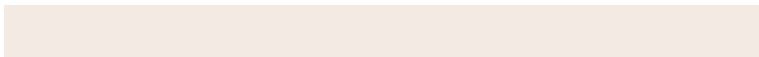
The Inverse Universe completely reimagines the original color for something new.



78.4380, 79.5967, 84.6325



85.9567, 86.4970, 91.4303



80.2343, 83.4115, 84.5457



16.5413, 16.4994, 17.3309



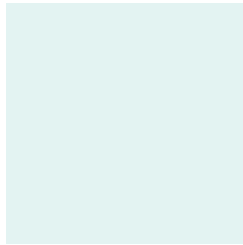
20.3506, 10.4837, 1.2884



1.8031, 0.9272, 0.1896

Previews

White Background



This preview shows how the XYZ color 79.7562, 86.8429, 96.5632 looks on a white background.

Color Contrast Check

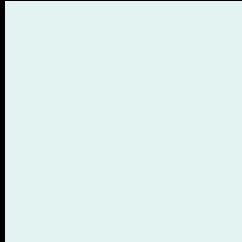
Large Text (above 18pt) WCAG AA × Fail

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 79.7562, 86.8429, 96.5632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

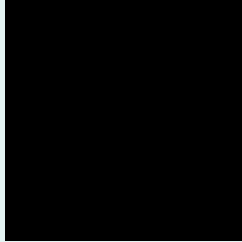
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

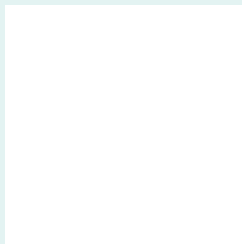
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7562, 86.8429, 96.5632

Background



This preview shows how black text looks on a background with the XYZ color 79.7562, 86.8429, 96.5632.



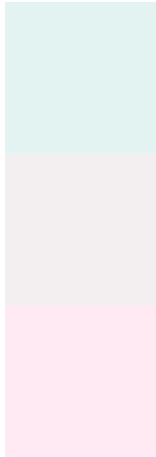
This preview shows how white text looks on a background with the XYZ color 79.7562, 86.8429,

96.5632.

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

79.7562, 86.8429, 96.5632

Protanopia

83.1167, 86.4358, 93.9644

Deuteranopia

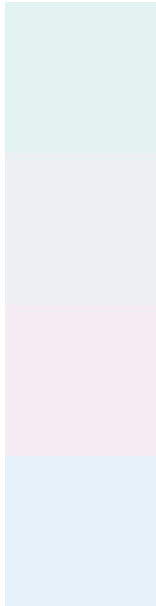
86.8405, 86.5767, 96.9280



Tritanopia

82.4888, 86.6960, 106.9941

Trichromacy



Original Color

79.7562, 86.8429, 96.5632

Protanomaly

81.8133, 86.6160, 94.8446

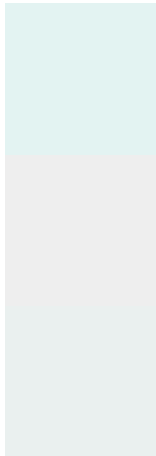
Deuteranomaly

84.1180, 86.4519, 97.0474

Tritanomaly

81.3437, 86.6357, 102.8776

Monochromacy



Original Color

79.7562, 86.8429, 96.5632

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 79.7562, 86.8429, 96.5632 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(227, 243, 242) looks like.

```
.text, #text, p{  
    color:rgb(227, 243, 242)  
}
```

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(227, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 243, 242) }
```

Border

The CSS property to change the border of an element to XYZ 79.7562, 86.8429, 96.5632 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(227, 243, 242) }
```


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

```
.border{ border-color:rgb(227, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 243,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7562, 86.8429, 96.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 243, 242) }
```

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

```
.background{ background-color: rgb(227,  
243, 242) }
```

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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