

Converting Colors

XYZ(79.3395, 87.3519, 92.2845)

Have a look what the booklet for
XYZ(79.3395, 87.3519, 92.2845)
contains.

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Color

**XYZ(79.1696, 87.0884,
91.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F4EC
RGB	227, 244, 236
RGB Percent	89%, 96%, 93%
CMY	0.1098, 0.0431, 0.0745
CMYK	0.07, 0.00, 0.03, 0.04
HSL	152°, 44%, 92%
HSV	152°, 7%, 96%
XYZ	79.1696, 87.0884, 91.9939
YIQ	238.0050, -7.5640, -6.0920

Conversions

Conversions Part 2

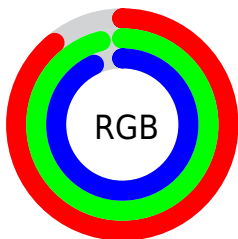
Format	Color
R_{YB}	227, 238, 244
Decimal	14939372
CIE Lab	94.78, -7.04, 1.92
CIE LCh	95, 7.293, 164.738
Yxy	87.0884, 0.3066, 0.3372
Android (android.graphics.Color)	4293129452 (0xFFE3F4EC)
YUV	238.0050, -0.9885, -9.6514
Hunter-Lab	93.3212, -11.8804, 6.8781

Details

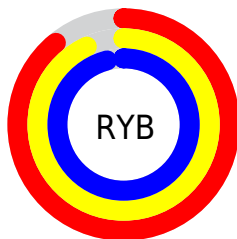
The XYZ color **79.1696, 87.0884, 91.9939** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.7760, 80.1718, 89.8716**, and the grayscale version is **81.2856, 85.5188, 93.1300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2347, 48.0324, 50.1725** is the 20% darker color. If you saturate the color by 10%, you get **70.3972, 82.7551, 83.1515**, and if you desaturate by 10%, it is **89.1450, 92.0343, 101.4564**.

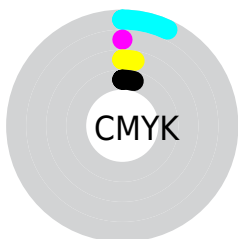
Distribution



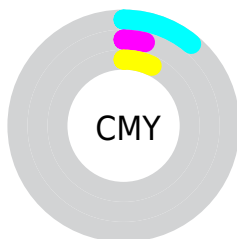
- Red (89%)
- Green (96%)
- Blue (93%)



- Red (89%)
- Yellow (93%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1696, 87.0884, 91.9939 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 79.1696, 87.0884, 91.9939 by changing the saturation by 10% instead.

79.1696, 87.0884,
91.9939

79.1696, 87.0884,
91.9939

480.9092,
518.5133, 555.2324

59.3414, 65.5684,
69.0526

131.1543,
143.2873, 152.0646

43.1354, 47.9221,
50.2825

164.0414,
178.7350, 190.0310

30.1864, 33.7652,
35.2652

202.0123,
219.5941, 233.8428

20.1289, 22.7133,
23.5820

245.4321,
266.2489, 283.9186

12.5976, 14.3819,
14.8145

294.6664,
319.0838, 340.6769

7.2271, 8.3868,
8.5441

350.0804,

3.6521, 4.3434,

378.4832, 404.5363

4.3523

412.0396,
444.8316, 475.9153

■ 1.5073, 1.8675,
1.8206

■ 0.3308, 0.5287,
0.4415

■ 79.1696, 87.0884,
91.9939

■ 79.1696, 87.0884,
91.9939

■ 70.3972, 82.7551,
83.1515

■ 89.1450, 92.0343,
101.4564

■ 62.7726, 78.9991,
74.9109

■ 91.6423, 93.1847,
107.7641

■ 56.2476, 75.7978,
67.2608

■ 50.7672, 73.1235,
60.1876

■ 46.2715, 70.9453,
53.6771

■ 42.6946, 69.2296,
47.7143

■ 39.9614, 67.9380,
42.2834

■ 37.9847, 67.0257,
37.3676

■ 36.6531, 66.4357,
32.9484

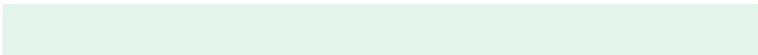
Harmonies

Analogous

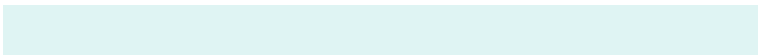
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1339, 87.0884, 87.3162



79.1696, 87.0884, 91.9939



79.1609, 87.0884, 97.6147

Triad

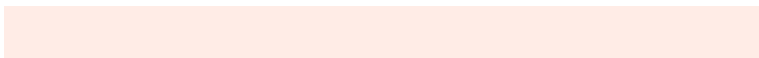
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1696, 87.0884, 91.9939



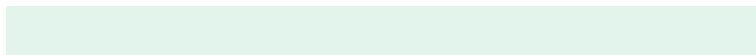
83.7435, 87.0884, 105.7218



85.4983, 87.0884, 87.3826

Complementary

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



79.1696, 87.0884, 91.9939



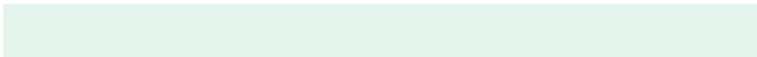
79.7760, 80.1718, 89.8716

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.



86.4973, 87.0884, 92.0879



79.1696, 87.0884, 91.9939



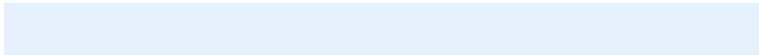
85.4733, 87.0884, 102.7513

Square

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



79.1696, 87.0884, 91.9939



81.7806, 87.0884, 105.6942



86.4880, 87.0884, 97.7125



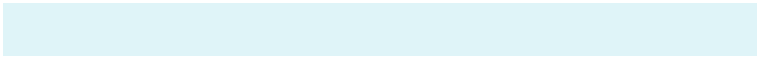
83.7773, 87.0884, 84.7267

Rectangle

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



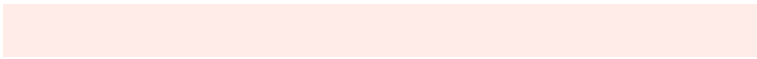
79.1696, 87.0884, 91.9939



79.6972, 87.0884, 101.1496



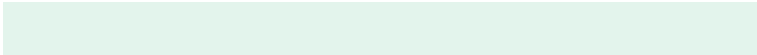
86.4880, 87.0884, 97.7125



85.9309, 87.0884, 88.7686

Sweetspot

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



79.1721, 87.0921, 91.9958



92.8144, 98.8919, 106.7904



80.5515, 87.9505, 85.4050



19.8895, 21.1785, 22.8798



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.



79.1721, 87.0921, 91.9958



86.4312, 95.7310, 100.6272



80.2762, 87.3974, 98.2307



16.6488, 18.6186, 19.4347



19.8201, 36.0729, 17.6043



1.7939, 3.1912, 1.8207

Inverse Universe

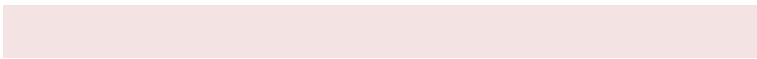
The Inverse Universe completely reimagines the original color for something new.



79.7760, 80.1718, 89.8716



87.1938, 86.9918, 97.9448



78.7227, 79.8746, 83.9426



16.8238, 16.6124, 18.8189



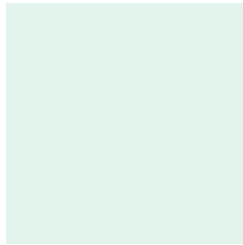
22.0320, 11.1562, 10.1430



1.9879, 1.0011, 1.1626

Previews

White Background



This preview shows how the XYZ color 79.1696, 87.0884, 91.9939 looks on a white background.

Color Contrast Check

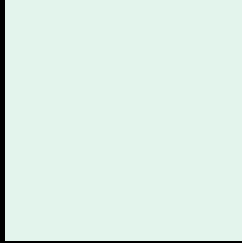
Large Text (above 18pt) WCAG AA × Fail

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 79.1696, 87.0884, 91.9939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

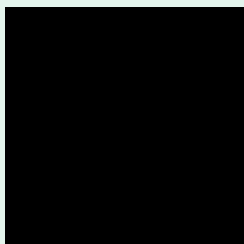
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

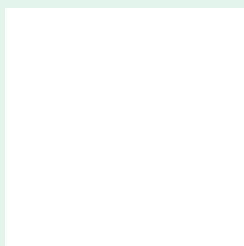
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1696, 87.0884, 91.9939

Background



This preview shows how black text looks on a background with the XYZ color 79.1696, 87.0884, 91.9939.



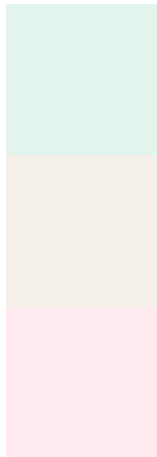
This preview shows how white text looks on a background with the XYZ color 79.1696, 87.0884,

91.9939.

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

79.1696, 87.0884, 91.9939

Protanopia

83.2307, 87.0287, 89.5023

Deuteranopia

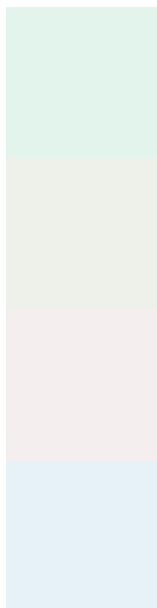
86.5283, 86.9087, 93.8759



Tritanopia

82.8144, 86.8638, 107.0093

Trichromacy



Original Color

79.1696, 87.0884, 91.9939

Protanomaly

81.5665, 87.0282, 90.3410

Deuteranomaly

83.6633, 86.7346, 93.2208

Tritanomaly

81.3536, 86.6768, 101.2494

Monochromacy



Original Color

79.1696, 87.0884, 91.9939

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.3778, 85.9270, 92.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1696, 87.0884, 91.9939 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, 244, 236) looks like.

```
.text, #text, p{  
    color:rgb(227, 244, 236)  
}
```

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, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 244, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.1696, 87.0884, 91.9939 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, 244, 236) }
```


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

```
.border{ border-color:rgb(227, 244, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 244, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(227, 244,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1696, 87.0884, 91.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 244, 236) }
```

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

```
.background{ background-color: rgb(227,  
244, 236) }
```

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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