

Converting Colors

XYZ(79.7390, 87.6471, 88.5050)

Have a look what the booklet for
XYZ(79.7390, 87.6471, 88.5050)
contains.

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Color

**XYZ(79.7295, 87.4598,
88.2805)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F4E7
RGB	231, 244, 231
RGB Percent	91%, 96%, 91%
CMY	0.0941, 0.0431, 0.0941
CMYK	0.05, 0.00, 0.05, 0.04
HSL	120°, 37%, 93%
HSV	120°, 5%, 96%
XYZ	79.7295, 87.4598, 88.2805
YIQ	238.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

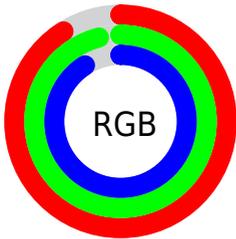
Format	Color
R _Y B	231, 244, 244
Decimal	15201511
CIE Lab	94.93, -6.61, 4.77
CIE LCh	95, 8.149, 144.173
Yxy	87.4598, 0.3121, 0.3423
Android (android.graphics.Color)	4293391591 (0xFFE7F4E7)
YUV	238.6310, -3.7621, -6.6924
Hunter-Lab	93.5199, -11.4815, 9.4957

Details

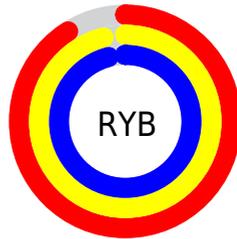
The XYZ color **79.7295, 87.4598, 88.2805** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2165, 82.9188, 97.2640**, and the grayscale version is **81.7896, 86.0490, 93.7074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4003, 48.1755, 47.5688** is the 20% darker color. If you saturate the color by 10%, you get **69.1870, 82.3983, 71.0342**, and if you desaturate by 10%, it is **91.6424, 93.1847, 107.7641**.

Distribution



- Red (91%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7295, 87.4598, 88.2805 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 79.7295, 87.4598, 88.2805 by changing the saturation by 10% instead.

79.7295, 87.4598,
88.2805

79.7295, 87.4598,
88.2805

482.7712,
519.7326, 542.8465

59.8035, 65.8758,
65.9897

131.9379,
143.8049, 146.8622

43.5091, 48.1716,
47.8076

164.9510,
179.3347, 183.9902

30.4810, 33.9628,
33.3157

203.0571,
220.2819, 226.9010

20.3539, 22.8650,
22.0953

246.6217,
267.0309, 276.0132

12.7623, 14.4939,
13.7279

296.0100,
319.9660, 331.7453

7.3409, 8.4649,
7.7951

351.5875,

3.7244, 4.3939,

379.4718, 394.5159

3.8782

413.7194,
445.9325, 464.7434

■ 1.5474, 1.8962,
1.5588

■ 0.3578, 0.5461,
0.2612

■ 79.7295, 87.4598,
88.2805

■ 79.7295, 87.4598,
88.2805

■ 69.1870, 82.3983,
71.0342

■ 91.6424, 93.1847,
107.7641

■ 60.1554, 78.0600,
56.2615

■ 52.5680, 74.4153,
43.8508

■ 46.3498, 71.4284,
33.6797

■ 41.4192, 69.0600,
25.6148

■ 37.6861, 67.2668,
19.5086

■ 35.0487, 65.9999,
15.1946

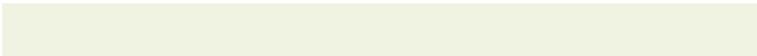
■ 33.3882, 65.2023,
12.4785

■ 32.5584, 64.8037,
11.1212

Harmonies

Analogous

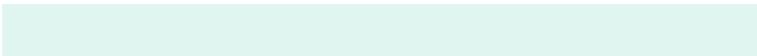
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3997, 87.4598, 84.5506



79.7295, 87.4598, 88.2805



78.9712, 87.4598, 93.9984

Triad

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



79.7295, 87.4598, 88.2805



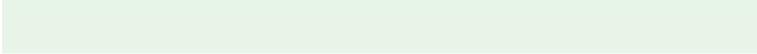
82.6972, 87.4598, 107.8580



87.0658, 87.4598, 90.3312

Complementary

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



79.7295, 87.4598, 88.2805



82.2165, 82.9188, 97.2640

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.



87.4280, 87.4598, 96.4700



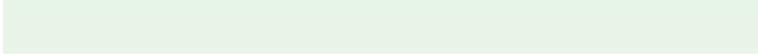
79.7295, 87.4598, 88.2805



84.8804, 87.4598, 106.7704

Square

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



79.7295, 87.4598, 88.2805



80.6650, 87.4598, 105.4422



86.6216, 87.4598, 102.5326



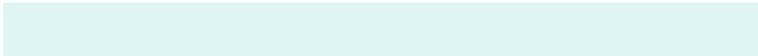
85.6405, 87.4598, 85.6973

Rectangle

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



79.7295, 87.4598, 88.2805



79.0750, 87.4598, 98.2402



86.6216, 87.4598, 102.5326



87.3170, 87.4598, 92.2797

Sweetspot

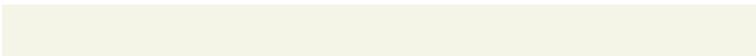
The Sweet Spot groups the original color and five complimentary colors.



79.7319, 87.4635, 88.2824



92.3882, 98.7214, 104.5461



84.0866, 89.7084, 88.4861



19.8027, 21.1438, 22.4227



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.



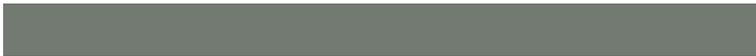
79.7319, 87.4635, 88.2824



87.2771, 96.2663, 96.1859



80.6677, 87.8378, 93.2098



16.9541, 18.7947, 18.6037



17.5905, 35.1811, 5.8635



1.5460, 3.0921, 0.5154

Inverse Universe

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



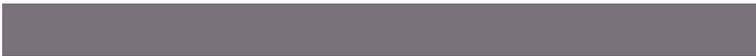
82.2165, 82.9188, 97.2640



90.3618, 90.6237, 107.3372



81.2463, 82.5307, 92.1550



17.6189, 17.5787, 21.0070



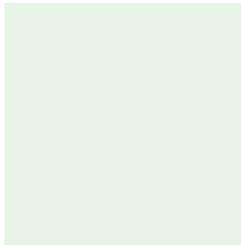
29.1649, 14.0094, 47.7043



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 79.7295, 87.4598, 88.2805 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 79.7295, 87.4598, 88.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

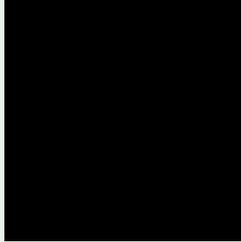
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

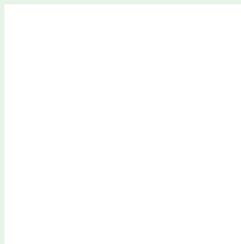
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7295, 87.4598, 88.2805

Background



This preview shows how black text looks on a background with the XYZ color 79.7295, 87.4598, 88.2805.



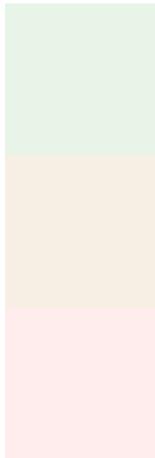
This preview shows how white text looks on a background with the XYZ color 79.7295, 87.4598,

88.2805.

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

79.7295, 87.4598, 88.2805

Protanopia

83.2279, 87.1086, 85.8258

Deuteranopia

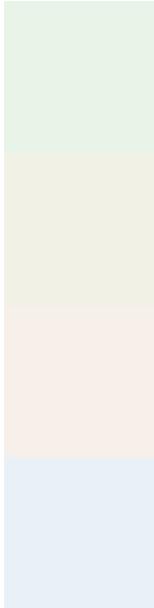
86.3758, 87.3070, 91.6563



Tritanopia

83.8022, 87.3730, 107.0556

Trichromacy



Original Color

79.7295, 87.4598, 88.2805

Protanomaly

81.8738, 87.2685, 86.6580

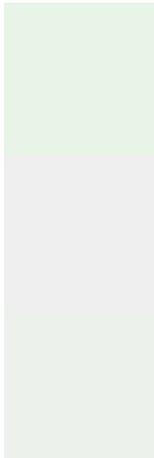
Deuteranomaly

83.7238, 87.2663, 90.2733

Tritanomaly

82.0215, 87.0568, 99.6694

Monochromacy



Original Color

79.7295, 87.4598, 88.2805

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.1877, 86.7996, 91.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7295, 87.4598, 88.2805 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(231, 244, 231) looks like.

```
.text, #text, p{  
    color:rgb(231, 244, 231)  
}
```

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(231, 244, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 244, 231) }
```

Border

The CSS property to change the border of an element to XYZ 79.7295, 87.4598, 88.2805 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(231, 244, 231) }
```

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

```
.border{ border-color:rgb(231, 244, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 244, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 244, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 244, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 244,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7295, 87.4598, 88.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 244, 231) }
```

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

```
.background{ background-color: rgb(231,  
244, 231) }
```

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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