

Converting Colors

XYZ(79.4808, 87.5234, 98.3915)

Have a look what the booklet for
XYZ(79.4808, 87.5234, 98.3915)
contains.

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Color

**XYZ(79.4130, 87.5244,
98.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF5F4
RGB	223, 245, 244
RGB Percent	87%, 96%, 96%
CMY	0.1255, 0.0392, 0.0431
CMYK	0.09, 0.00, 0.00, 0.04
HSL	177°, 52%, 92%
HSV	177°, 9%, 96%
XYZ	79.4130, 87.5244, 98.2963
YIQ	238.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

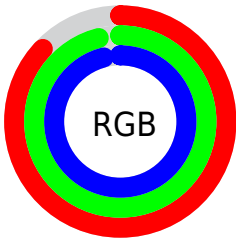
Format	Color
R _Y B	223, 234, 245
Decimal	14677492
CIE Lab	94.96, -7.35, -1.98
CIE LCh	95, 7.613, 195.114
Yxy	87.5244, 0.2994, 0.3300
Android (android.graphics.Color)	4292867572 (0xFFDFF5F4)
YUV	238.3080, 2.8062, -13.4251
Hunter-Lab	93.5545, -12.2020, 3.1930

Details

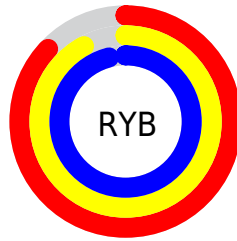
The XYZ color **79.4130, 87.5244, 98.2963** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.5016, 77.5721, 81.4133**, and the grayscale version is **81.4947, 85.7388, 93.3695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4231, 48.3509, 54.6210** is the 20% darker color. If you saturate the color by 10%, you get **72.2353, 83.8461, 97.0790**, and if you desaturate by 10%, it is **87.6890, 91.7735, 99.5740**.

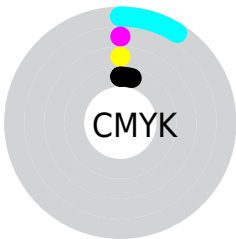
Distribution



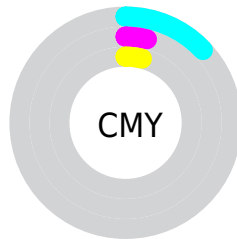
- Red (87%)
- Green (96%)
- Blue (96%)



- Red (87%)
- Yellow (92%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4130, 87.5244, 98.2963 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 79.4130, 87.5244, 98.2963 by changing the saturation by 10% instead.

79.4130, 87.5244,
98.2963

79.4130, 87.5244,
98.2963

481.7191,
519.9445, 575.9165

59.5422, 65.9293,
74.2695

131.4950,
143.8948, 160.8453

43.2978, 48.2150,
54.5166

164.4369,
179.4389, 200.2047

30.3144, 33.9972,
38.6188

202.4666,
220.4015, 245.5120

20.2266, 22.8914,
26.1578

245.9495,
267.1668, 297.1857

12.6691, 14.5134,
16.7149

295.2508,
320.1194, 355.6445

7.2765, 8.4786,
9.8716

350.7359,

3.6835, 4.4027,

379.6436, 421.3069

5.2094

412.7702,
446.1238, 494.5914

■ 1.5247, 1.9013,
2.3098

■ 0.3425, 0.5491,
0.7367

■ 79.4130, 87.5244,
98.2963

■ 79.4130, 87.5244,
98.2963

■ 72.2353, 83.8461,
97.0790

■ 87.6890, 91.7735,
99.5740

■ 66.1018, 80.7036,
95.9142

■ 90.5649, 93.2364,
100.6025

■ 60.9648, 78.0747,
94.8013

■ 90.7372, 93.3053,
101.5099

■ 56.7701, 75.9314,
93.7379

■ 90.9106, 93.3746,
102.4227

53.4585, 74.2433,
92.7211

91.0850, 93.4444,
103.3410

50.9639, 72.9762,
91.7479

91.2604, 93.5145,
104.2648

49.2109, 72.0914,
90.8147

91.4368, 93.5851,
105.1940

48.1102, 71.5427,
89.9174

91.6143, 93.6561,
106.1287

47.5285, 71.2614,
89.0496

91.7929, 93.7275,
107.0689

Harmonies

Analogous

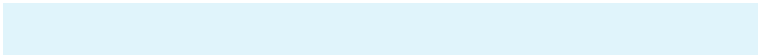
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4090, 87.5244, 92.4063



79.4130, 87.5244, 98.2963



80.4174, 87.5244, 103.5889

Triad

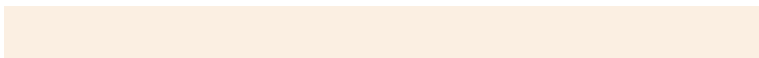
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4130, 87.5244, 98.2963



86.0356, 87.5244, 103.5552



84.2140, 87.5244, 84.7219

Complementary

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



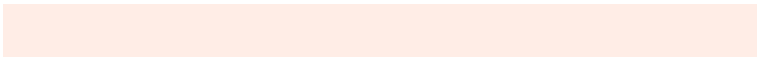
79.4130, 87.5244, 98.2963



77.5016, 77.5721, 81.4133

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.



86.0242, 87.5244, 87.4640



79.4130, 87.5244, 98.2963



87.0877, 87.5244, 98.2518

Square

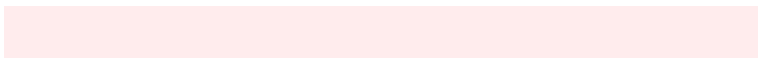
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4130, 87.5244, 98.2963



84.2293, 87.5244, 106.7095



87.0835, 87.5244, 92.3636



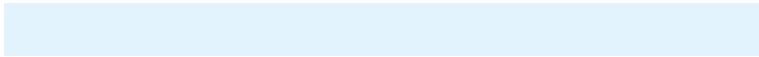
82.1579, 87.5244, 84.7327

Rectangle

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



79.4130, 87.5244, 98.2963



81.5288, 87.5244, 105.9963



87.0835, 87.5244, 92.3636



84.8722, 87.5244, 85.3471

Sweetspot

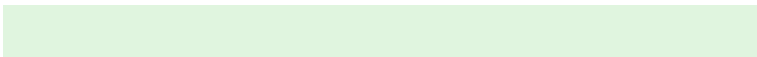
The Sweet Spot groups the original color and five complimentary colors.



79.4155, 87.5281, 98.2982



92.2352, 98.5554, 108.4753



76.7458, 86.4995, 82.4648



19.5851, 21.0143, 23.1941



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

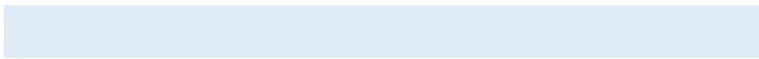
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4155, 87.5281, 98.2982



85.2675, 94.9806, 107.3705



76.6524, 81.7574, 98.1311



16.9621, 18.7440, 21.0849



25.5922, 38.3817, 48.0000



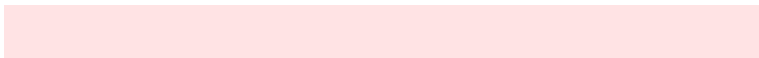
2.2592, 3.3773, 4.2710

Inverse Universe

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



77.5016, 77.5721, 81.4133



82.7309, 81.7850, 84.9916



80.0892, 82.9645, 81.6062



16.5298, 16.4948, 17.2703



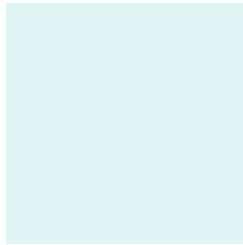
20.3327, 10.4765, 1.1943



1.7976, 0.9250, 0.1606

Previews

White Background



This preview shows how the XYZ color 79.4130, 87.5244, 98.2963 looks on a white background.

Color Contrast Check

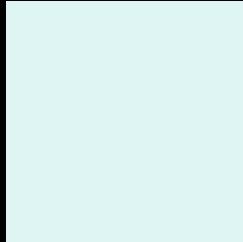
Large Text (above 18pt) WCAG AA × Fail

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 79.4130, 87.5244, 98.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

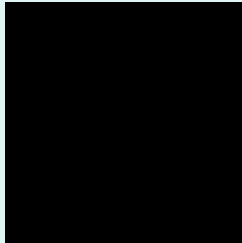
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

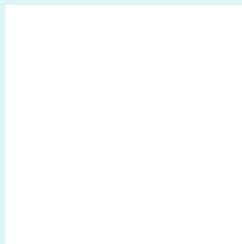
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4130, 87.5244, 98.2963

Background



This preview shows how black text looks on a background with the XYZ color 79.4130, 87.5244, 98.2963.



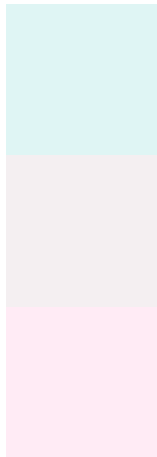
This preview shows how white text looks on a background with the XYZ color 79.4130, 87.5244,

98.2963.

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

79.4130, 87.5244, 98.2963

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

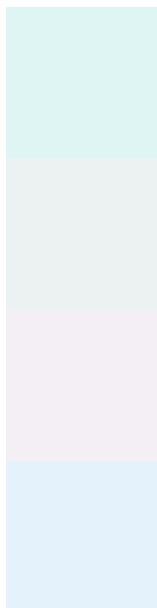
87.4298, 87.2692, 98.6228



Tritanopia

82.7571, 87.7132, 107.1763

Trichromacy



Original Color

79.4130, 87.5244, 98.2963

Protanomaly

82.0744, 87.1543, 96.5011

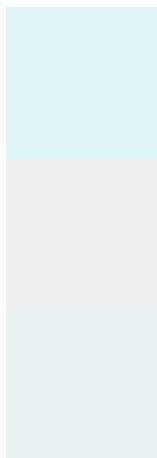
Deuteranomaly

84.3101, 87.3803, 98.8087

Tritanomaly

81.4581, 87.5602, 103.8743

Monochromacy



Original Color

79.4130, 87.5244, 98.2963

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7877, 86.5255, 94.8812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4130, 87.5244, 98.2963 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(223, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 244)  
}
```

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(223, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.4130, 87.5244, 98.2963 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(223, 245, 244) }
```


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

```
.border{ border-color:rgb(223, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(223, 245,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4130, 87.5244, 98.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 244) }
```

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

```
.background{ background-color: rgb(223,  
245, 244) }
```

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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