

Converting Colors

XYZ(79.8490, 87.4697, 98.5752)

Have a look what the booklet for
XYZ(79.8490, 87.4697, 98.5752)
contains.

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Color

**XYZ(79.7312, 87.2406,
98.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F4F4
RGB	225, 244, 244
RGB Percent	88%, 96%, 96%
CMY	0.1176, 0.0431, 0.0431
CMYK	0.08, 0.00, 0.00, 0.04
HSL	180°, 46%, 92%
HSV	180°, 8%, 96%
XYZ	79.7312, 87.2406, 98.2248
YIQ	238.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

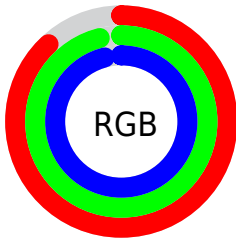
Format	Color
R _Y B	225, 235, 244
Decimal	14808308
CIE Lab	94.84, -6.20, -2.14
CIE LCh	95, 6.564, 199.073
Yxy	87.2406, 0.3006, 0.3290
Android (android.graphics.Color)	4292998388 (0xFFE1F4F4)
YUV	238.3190, 2.8007, -11.6808
Hunter-Lab	93.4027, -11.0820, 3.0309

Details

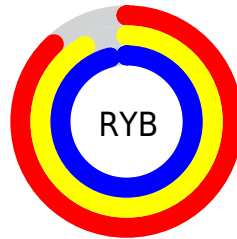
The XYZ color **79.7312, 87.2406, 98.2248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.8273, 78.5222, 82.2927**, and the grayscale version is **81.5025, 85.7470, 93.3785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6379, 48.1433, 54.5696** is the 20% darker color. If you saturate the color by 10%, you get **72.6614, 83.5985, 97.8920**, and if you desaturate by 10%, it is **87.8930, 91.4505, 98.6124**.

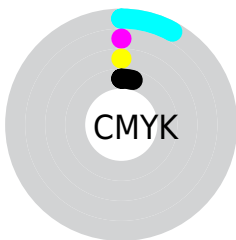
Distribution



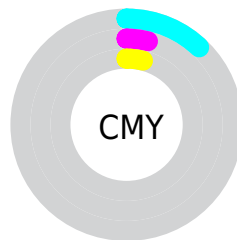
- Red (88%)
- Green (96%)
- Blue (96%)



- Red (88%)
- Yellow (92%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7312, 87.2406, 98.2248 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 79.7312, 87.2406, 98.2248 by changing the saturation by 10% instead.

79.7312, 87.2406,
98.2248

79.7312, 87.2406,
98.2248

482.7768,
519.0131, 575.6841

59.8049, 65.6943,
74.2102

131.9403,
143.4994, 160.7460

43.5102, 48.0243,
54.4683

164.9537,
178.9808, 200.0898

30.4819, 33.8461,
38.5805

203.0603,
219.8760, 245.3803

20.3546, 22.7754,
26.1282

246.6253,
266.5694, 297.0362

12.7628, 14.4278,
16.6929

296.0141,
319.4454, 355.4760

7.3413, 8.4188,
9.8562

351.5920,

3.7247, 4.3641,

378.8885, 421.1182

5.1993

413.7245,
445.2829, 494.3814

■ 1.5476, 1.8792,
2.3039

■ 0.3579, 0.5358,
0.7334

■ 79.7312, 87.2406,
98.2248

■ 79.7312, 87.2406,
98.2248

■ 72.6614, 83.5985,
97.8920

■ 87.8930, 91.4505,
98.6124

■ 66.6302, 80.4894,
97.6059

■ 89.9232, 92.4970,
98.7112

■ 61.5911, 77.8917,
97.3663

■ 89.9239, 92.4973,
98.7150

■ 57.4909, 75.7780,
97.1707

■ 89.9246, 92.4976,
98.7188

54.2715, 74.1185,
97.0162

89.9253, 92.4978,
98.7226

51.8685, 72.8798,
96.9000

89.9261, 92.4981,
98.7264

50.2086, 72.0241,
96.8185

89.9268, 92.4984,
98.7302

49.2054, 71.5071,
96.7678

89.9275, 92.4987,
98.7341

48.7427, 71.2686,
96.7423

89.9282, 92.4990,
98.7379

Harmonies

Analogous

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



79.6088, 87.2406, 93.1469



79.7312, 87.2406, 98.2248



80.7007, 87.2406, 102.5793

Triad

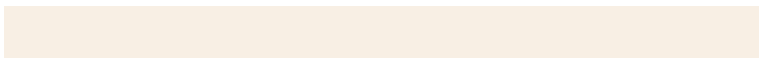
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7312, 87.2406, 98.2248



85.5288, 87.2406, 101.5477



83.5691, 87.2406, 85.6999

Complementary

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



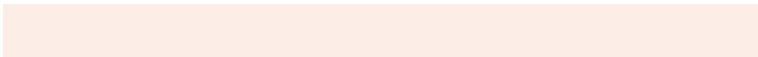
79.7312, 87.2406, 98.2248



77.8273, 78.5222, 82.2927

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.



85.1787, 87.2406, 87.7850



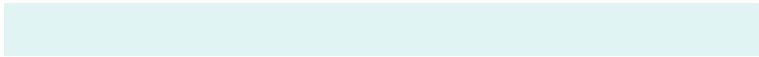
79.7312, 87.2406, 98.2248



86.3209, 87.2406, 96.8577

Square

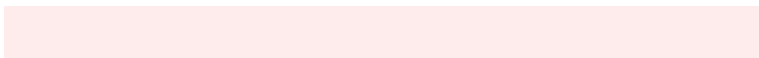
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7312, 87.2406, 98.2248



84.0414, 87.2406, 104.5446



86.1918, 87.2406, 91.8274



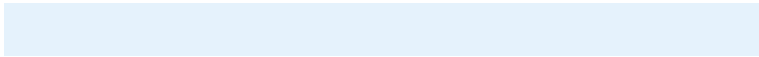
81.8077, 87.2406, 86.0364

Rectangle

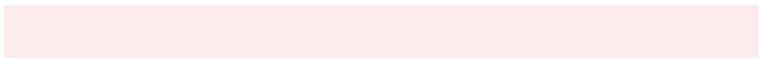
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



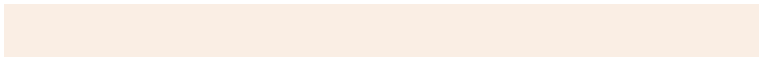
79.7312, 87.2406, 98.2248



81.7048, 87.2406, 104.4292



86.1918, 87.2406, 91.8274



84.1463, 87.2406, 86.1378

Sweetspot

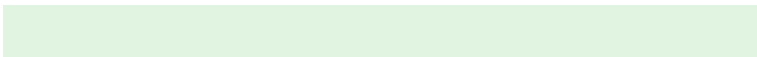
The Sweet Spot groups the original color and five complimentary colors.



79.7337, 87.2443, 98.2267



93.1984, 99.0455, 108.8125



77.0940, 86.1998, 83.8106



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

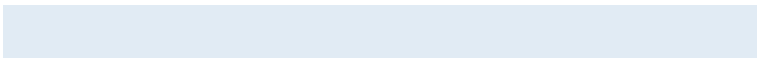
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7337, 87.2443, 98.2267



87.1042, 95.9039, 108.5244



77.0389, 81.8538, 97.3312



16.9966, 18.7578, 21.2666



26.4655, 38.7311, 52.5987



2.3261, 3.4041, 4.6231

Inverse Universe

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



77.8273, 78.5222, 82.2927



84.6839, 84.8307, 88.2952



80.3771, 83.6226, 83.1401



16.4993, 16.4826, 17.1101



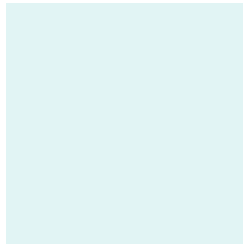
20.2864, 10.4580, 0.9504



1.7830, 0.9192, 0.0838

Previews

White Background



This preview shows how the XYZ color 79.7312, 87.2406, 98.2248 looks on a white background.

Color Contrast Check

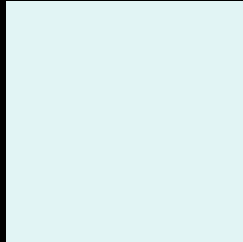
Large Text (above 18pt) WCAG AA × Fail

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 79.7312, 87.2406, 98.2248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

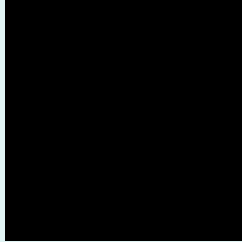
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

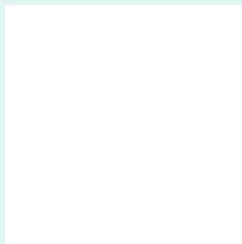
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7312, 87.2406, 98.2248

Background



This preview shows how black text looks on a background with the XYZ color 79.7312, 87.2406, 98.2248.



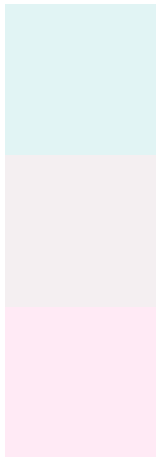
This preview shows how white text looks on a background with the XYZ color 79.7312, 87.2406,

98.2248.

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

79.7312, 87.2406, 98.2248

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

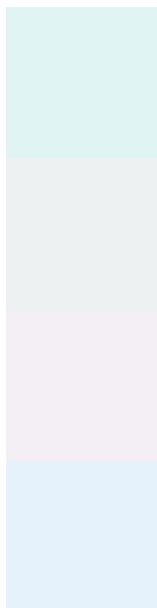
87.1442, 86.6982, 98.5276



Tritanopia

82.4603, 87.1195, 107.0774

Trichromacy



Original Color

79.7312, 87.2406, 98.2248

Protanomaly

82.4074, 87.3259, 96.5167

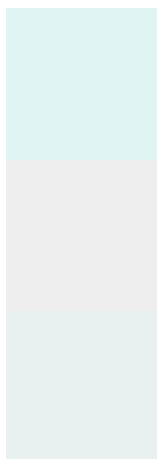
Deuteranomaly

84.3642, 86.9747, 98.7275

Tritanomaly

81.4778, 87.1273, 103.7897

Monochromacy



Original Color

79.7312, 87.2406, 98.2248

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.4925, 85.9351, 94.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7312, 87.2406, 98.2248 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(225, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(225, 244, 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(225, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 244, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.7312, 87.2406, 98.2248 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(225, 244, 244) }
```


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

```
.border{ border-color:rgb(225, 244, 244) }
```

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

Here you see how a box with a 4 pixel rgb(225, 244, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 244,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7312, 87.2406, 98.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 244, 244) }
```

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

```
.background{ background-color: rgb(225,  
244, 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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