

Converting Colors

XYZ(79.7278, 87.7256, 96.7268)

Have a look what the booklet for
XYZ(79.7278, 87.7256, 96.7268)
contains.

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Color

**XYZ(79.7308, 87.7232,
96.7344)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F5F2
RGB	225, 245, 242
RGB Percent	88%, 96%, 95%
CMY	0.1176, 0.0392, 0.0510
CMYK	0.08, 0.00, 0.01, 0.04
HSL	171°, 50%, 92%
HSV	171°, 8%, 96%
XYZ	79.7308, 87.7232, 96.7344
YIQ	238.6780, -10.9570, -5.1730

Conversions

Conversions Part 2

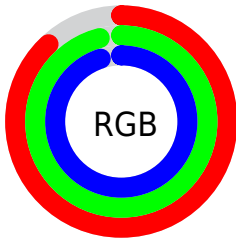
Format	Color
R _Y B	225, 236, 245
Decimal	14808562
CIE Lab	95.04, -7.08, -0.81
CIE LCh	95, 7.130, 186.530
Yxy	87.7232, 0.3018, 0.3320
Android (android.graphics.Color)	4292998642 (0xFFE1F5F2)
YUV	238.6780, 1.6377, -11.9956
Hunter-Lab	93.6607, -11.9539, 4.3267

Details

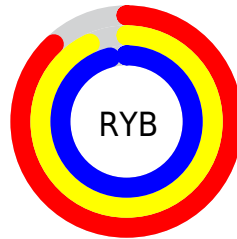
The XYZ color **79.7308, 87.7232, 96.7344** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.5882, 78.8667, 84.4838**, and the grayscale version is **81.7896, 86.0491, 93.7074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6381, 48.4864, 53.5132** is the 20% darker color. If you saturate the color by 10%, you get **72.0877, 83.8487, 93.5227**, and if you desaturate by 10%, it is **88.4860, 92.1746, 100.0598**.

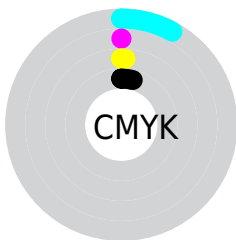
Distribution



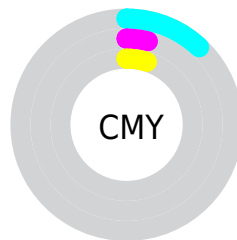
- Red (88%)
- Green (96%)
- Blue (95%)



- Red (88%)
- Yellow (93%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7308, 87.7232, 96.7344 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 79.7308, 87.7232, 96.7344 by changing the saturation by 10% instead.

79.7308, 87.7232,
96.7344

79.7308, 87.7232,
96.7344

482.7755,
520.5963, 570.8283

59.8046, 66.0939,
72.9745

131.9397,
144.1717, 158.6747

43.5100, 48.3486,
53.4634

164.9531,
179.7597, 197.6922

30.4817, 34.1030,
37.7826

203.0595,
220.7693, 242.6327

20.3544, 22.9728,
25.5135

246.6244,
267.5850, 293.9146

12.7627, 14.5734,
16.2375

296.0131,
320.5912, 351.9566

7.3412, 8.5205,
9.5362

351.5909,

3.7246, 4.4298,

380.1722, 417.1772

4.9910

413.7233,
446.7125, 489.9949

■ 1.5475, 1.9168,
2.1833

■ 0.3578, 0.5584,
0.6647

■ 79.7308, 87.7232,
96.7344

■ 79.7308, 87.7232,
96.7344

■ 72.0877, 83.8487,
93.5227

■ 88.4860, 92.1746,
100.0598

■ 65.5027, 80.5159,
90.4163

■ 91.0491, 93.4301,
103.1521

■ 59.9284, 77.7029,
87.4147

■ 91.6299, 93.6624,
106.2102

■ 55.3110, 75.3820,
84.5148

■ 91.9441, 93.7881,
107.8647

■ 51.5915, 73.5227,
81.7136

■ 48.7045, 72.0912,
79.0078

■ 46.5754, 71.0493,
76.3933

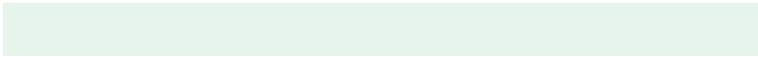
■ 45.1163, 70.3515,
73.8659

■ 44.2054, 69.9352,
71.4194

Harmonies

Analogous

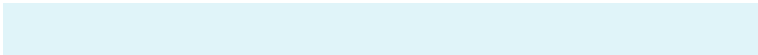
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0069, 87.7232, 91.3283



79.7308, 87.7232, 96.7344



80.4198, 87.7232, 102.0096

Triad

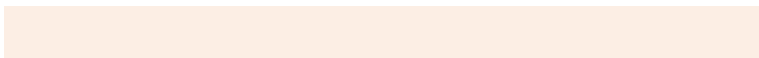
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7308, 87.7232, 96.7344



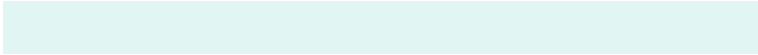
85.6160, 87.7232, 104.3498



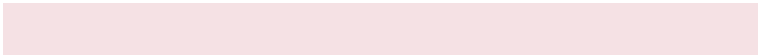
84.8711, 87.7232, 86.0576

Complementary

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



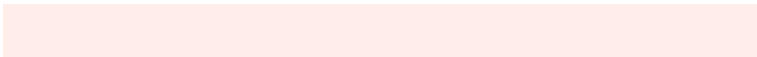
79.7308, 87.7232, 96.7344



78.5882, 78.8667, 84.4838

Split Complementary

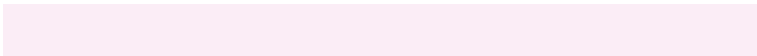
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4084, 87.7232, 89.3033



79.7308, 87.7232, 96.7344



86.8431, 87.7232, 99.8291

Square

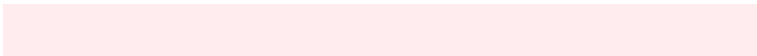
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7308, 87.7232, 96.7344



83.8027, 87.7232, 106.5150



87.1353, 87.7232, 94.3072



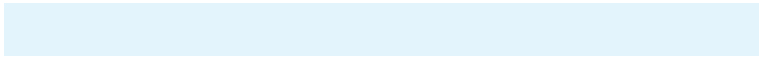
82.9552, 87.7232, 85.3009

Rectangle

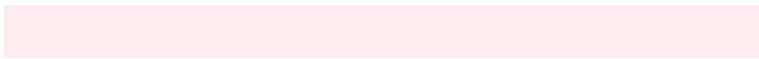
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



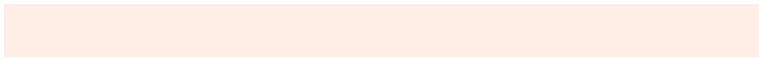
79.7308, 87.7232, 96.7344



81.3401, 87.7232, 104.6969



87.1353, 87.7232, 94.3072



85.4502, 87.7232, 86.8875

Sweetspot

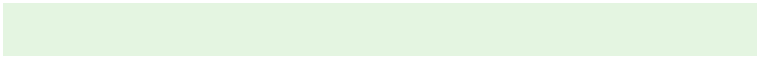
The Sweet Spot groups the original color and five complimentary colors.



79.7333, 87.7269, 96.7363



93.0754, 98.9963, 108.1653



78.3465, 87.2935, 83.9556



19.9427, 21.1998, 23.1596



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

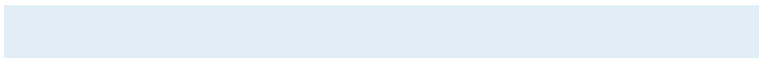
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7333, 87.7269, 96.7363



85.6724, 95.2362, 105.2751



78.2072, 83.9467, 98.4719



16.8835, 18.7125, 20.6707



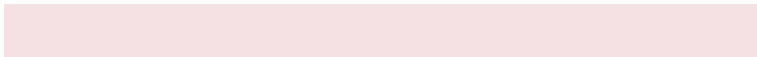
23.7791, 37.6565, 38.4520



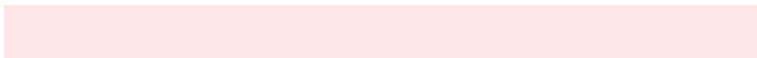
2.1184, 3.3210, 3.5293

Inverse Universe

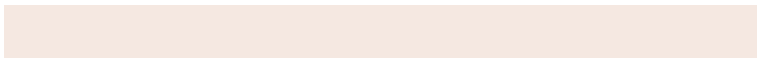
The Inverse Universe completely reimagines the original color for something new.



78.5882, 78.8667, 84.4838



84.1529, 83.4777, 89.0150



80.0127, 82.3773, 82.9189



16.6005, 16.5231, 17.6430



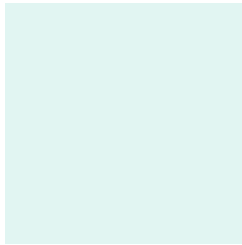
20.4952, 10.5415, 2.0501



1.8312, 0.9384, 0.3375

Previews

White Background



This preview shows how the XYZ color 79.7308, 87.7232, 96.7344 looks on a white background.

Color Contrast Check

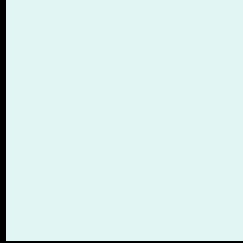
Large Text (above 18pt) WCAG AA × Fail

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 79.7308, 87.7232, 96.7344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

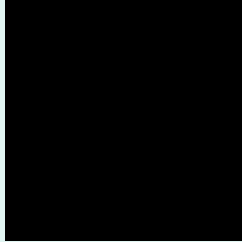
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

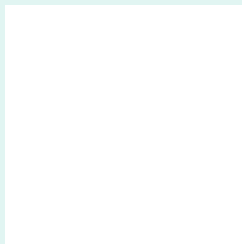
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7308, 87.7232, 96.7344

Background



This preview shows how black text looks on a background with the XYZ color 79.7308, 87.7232, 96.7344.



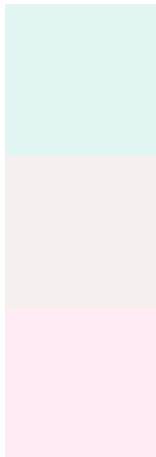
This preview shows how white text looks on a background with the XYZ color 79.7308, 87.7232,

96.7344.

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

79.7308, 87.7232, 96.7344

Protanopia

84.1027, 87.3775, 94.0942

Deuteranopia

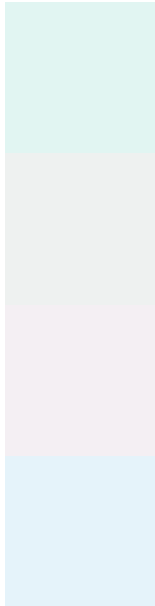
87.1260, 87.1477, 97.0232



Tritanopia

83.0808, 87.8801, 107.1915

Trichromacy



Original Color

79.7308, 87.7232, 96.7344

Protanomaly

82.4434, 87.3790, 94.9587

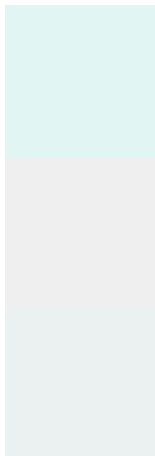
Deuteranomaly

84.3524, 87.4372, 97.2252

Tritanomaly

81.6190, 87.6613, 103.0610

Monochromacy



Original Color

79.7308, 87.7232, 96.7344

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.1152, 86.6943, 94.8965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7308, 87.7232, 96.7344 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, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 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(225, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 242) }
```

Border

The CSS property to change the border of an element to XYZ 79.7308, 87.7232, 96.7344 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, 245, 242) }
```


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

```
.border{ border-color:rgb(225, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7308, 87.7232, 96.7344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 242) }
```

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

```
.background{ background-color: rgb(225,  
245, 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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