

Converting Colors

XYZ(74.1406, 79.7640, 85.8655)

Have a look what the booklet for
XYZ(74.1406, 79.7640, 85.8655)
contains.

XYZ(74.0222, 79.7823, 85.6269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.0222, 79.7823,
85.6269)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E9E5
RGB	224, 233, 229
RGB Percent	88%, 91%, 90%
CMY	0.1216, 0.0863, 0.1020
CMYK	0.04, 0.00, 0.02, 0.09
HSL	153°, 17%, 90%
HSV	153°, 4%, 91%
XYZ	74.0222, 79.7823, 85.6269
YIQ	229.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

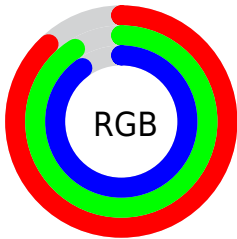
Format	Color
R_{YB}	224, 230, 233
Decimal	14739941
CIE _{Lab}	91.59, -3.72, 0.89
CIE _{LCh}	92, 3.821, 166.552
Yxy	79.7823, 0.3092, 0.3332
Android (android.graphics.Color)	4292930021 (0xFFE0E9E5)
YUV	229.8530, -0.4205, -5.1331
Hunter-Lab	89.3209, -8.3848, 5.6867

Details

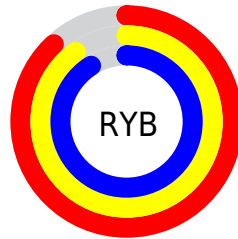
The XYZ color **74.0222, 79.7823, 85.6269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2664, 76.2383, 84.2038**, and the grayscale version is **75.1122, 79.0239, 86.0570**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7243, 42.9353, 46.2380** is the 20% darker color. If you saturate the color by 10%, you get **65.8864, 75.7526, 77.9193**, and if you desaturate by 10%, it is **83.2384, 84.3635, 93.8392**.

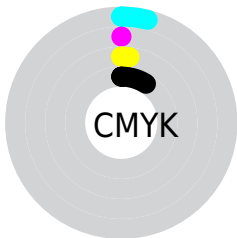
Distribution



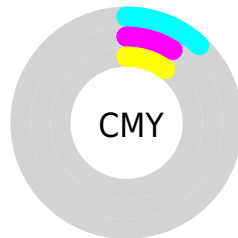
- Red (88%)
- Green (91%)
- Blue (90%)



- Red (88%)
- Yellow (90%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0222, 79.7823, 85.6269 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 74.0222, 79.7823, 85.6269 by changing the saturation by 10% instead.

■ 74.0222, 79.7823,
85.6269

■ 74.0222, 79.7823,
85.6269

463.5991,
494.1989, 533.8988

■ 55.1036, 59.5392,
63.8064

123.9226,
133.0596, 143.1307

■ 39.7188, 43.0473,
46.0487

155.6351,
166.8626, 179.6510

■ 27.5026, 29.9223,
31.9353

192.3429,
205.9544, 221.9083

■ 18.0896, 19.7796,
21.0477

234.4114,
250.7194, 270.3211

■ 11.1144, 12.2349,
12.9673

282.2059,
301.5419, 325.3080

■ 6.2117, 6.9039,
7.2755

336.0917,

■ 3.0161, 3.4021,

358.8064, 387.2876

3.5540

396.4344,
422.8973, 456.6783

■ 1.1623, 1.3451,
1.3840

■ 0.0763, 0.1757,
0.1292

■ 74.0222, 79.7823,
85.6269

■ 74.0222, 79.7823,
85.6269

■ 65.8864, 75.7526,
77.9193

■ 83.2384, 84.3635,
93.8392

■ 58.7829, 72.2430,
70.7013

■ 87.5925, 86.4258,
102.2806

■ 52.6696, 69.2342,
63.9646

■ 88.4305, 86.7610,
106.6935

■ 47.4990, 66.7020,
57.6988

■ 43.2195, 64.6199,
51.8930

■ 39.7743, 62.9589,
46.5358

■ 37.0997, 61.6862,
41.6151

■ 35.1222, 60.7643,
37.1183

■ 33.7526, 60.1473,
33.0313

Harmonies

Analogous

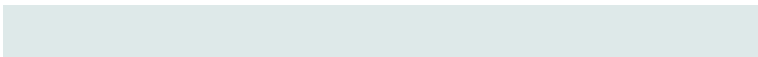
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4780, 79.7823, 83.2297



74.0222, 79.7823, 85.6269



74.0481, 79.7823, 88.4077

Triad

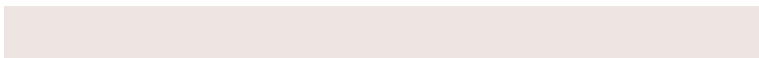
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0222, 79.7823, 85.6269



76.3659, 79.7823, 92.1174



77.1270, 79.7823, 83.0300

Complementary

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



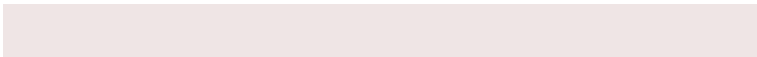
74.0222, 79.7823, 85.6269



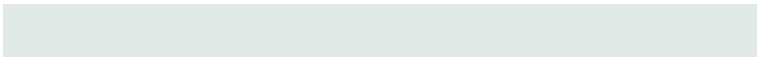
74.2664, 76.2383, 84.2038

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.



77.6417, 79.7823, 85.3489



74.0222, 79.7823, 85.6269



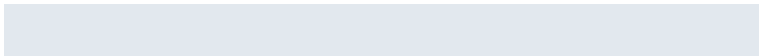
77.1997, 79.7823, 90.6136

Square

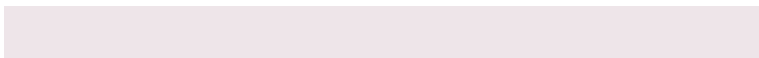
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0222, 79.7823, 85.6269



75.3956, 79.7823, 92.1957



77.6684, 79.7823, 88.1238



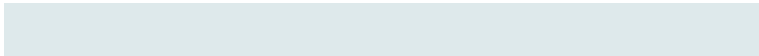
76.2674, 79.7823, 81.7522

Rectangle

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



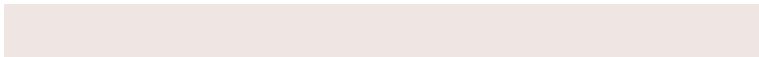
74.0222, 79.7823, 85.6269



74.3349, 79.7823, 90.1059



77.6684, 79.7823, 88.1238



77.3464, 79.7823, 83.7113

Sweetspot

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



74.0245, 79.7857, 85.6286



93.9360, 99.4467, 107.8977



74.6070, 80.1655, 82.0632



20.1179, 21.2915, 23.1052



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

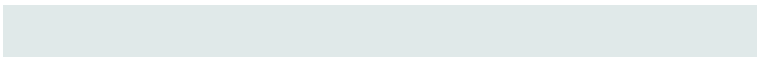
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0245, 79.7857, 85.6286



89.6143, 97.3017, 103.9510



74.4628, 79.7574, 88.5650



15.9063, 17.3432, 18.4797



18.8607, 33.9987, 17.7633



1.5293, 2.6890, 1.6493

Inverse Universe

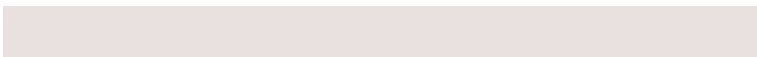
The Inverse Universe completely reimagines the original color for something new.



74.2664, 76.2383, 84.2038



89.9974, 91.6855, 101.6952



73.8380, 76.2608, 81.3501



15.9835, 16.2123, 18.0255



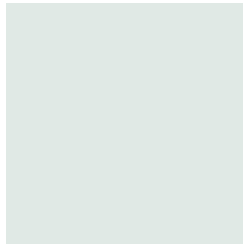
20.5345, 10.4165, 8.6162



1.6602, 0.8370, 0.9280

Previews

White Background



This preview shows how the XYZ color 74.0222, 79.7823, 85.6269 looks on a white background.

Color Contrast Check

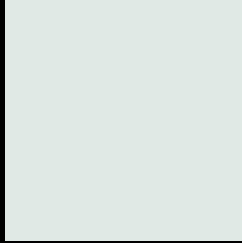
Large Text (above 18pt) WCAG AA × Fail

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 74.0222, 79.7823, 85.6269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

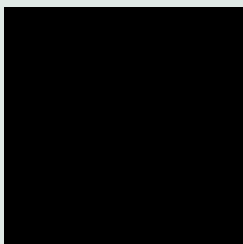
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

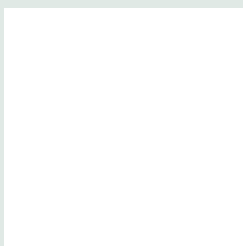
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0222, 79.7823, 85.6269

Background



This preview shows how black text looks on a background with the XYZ color 74.0222, 79.7823, 85.6269.



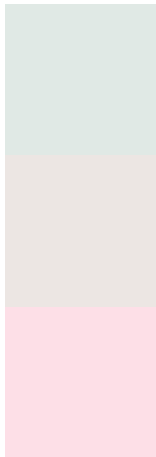
This preview shows how white text looks on a background with the XYZ color 74.0222, 79.7823,

85.6269.

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

74.0222, 79.7823, 85.6269

Protanopia

76.7540, 79.9725, 84.0639

Deuteranopia

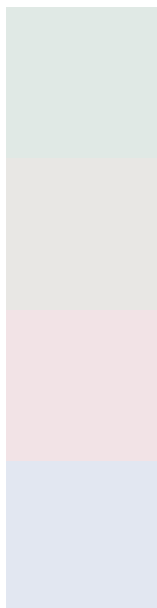
81.3195, 79.4275, 86.6464



Tritanopia

76.9186, 79.7018, 100.1369

Trichromacy



Original Color

74.0222, 79.7823, 85.6269

Protanomaly

75.8582, 79.9091, 84.8246

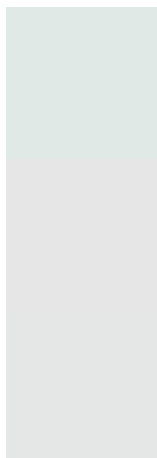
Deuteranomaly

78.3700, 79.5286, 86.0829

Tritanomaly

75.8171, 79.6715, 94.6012

Monochromacy



Original Color

74.0222, 79.7823, 85.6269

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8538, 79.3590, 86.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0222, 79.7823, 85.6269 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(224, 233, 229) looks like.

```
.text, #text, p{  
    color:rgb(224, 233, 229)  
}
```

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(224, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.0222, 79.7823, 85.6269 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(224, 233, 229) }
```


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

```
.border{ border-color:rgb(224, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 233, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 233, 229); box-shadow:4px 4px 4px 4px rgb(224, 233, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0222, 79.7823, 85.6269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 229) }
```

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

```
.background{ background-color: rgb(224,  
233, 229) }
```

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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