

Converting Colors

XYZ(75.0142, 79.4222, 83.3286)

Have a look what the booklet for
XYZ(75.0142, 79.4222, 83.3286)
contains.

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Color

**XYZ(74.9365, 79.4658,
83.3404)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E7E2
RGB	230, 231, 226
RGB Percent	90%, 91%, 89%
CMY	0.0980, 0.0941, 0.1137
CMYK	0.00, 0.00, 0.02, 0.09
HSL	72°, 9%, 90%
HSV	72°, 2%, 91%
XYZ	74.9365, 79.4658, 83.3404
YIQ	230.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

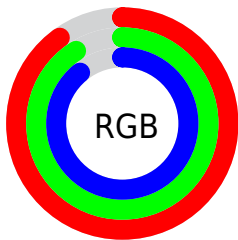
Format	Color
RYB	226, 231, 227
Decimal	15132642
CIELab	91.44, -1.22, 2.30
CIELCh	91, 2.603, 117.854
Yxy	79.4658, 0.3152, 0.3343
Android (android.graphics.Color)	4293322722 (0xFFE6E7E2)
YUV	230.1310, -2.0366, -0.1149
Hunter-Lab	89.1436, -5.9494, 6.9703

Details

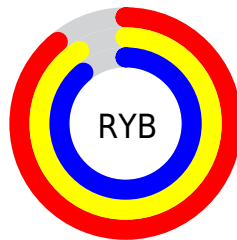
The XYZ color **74.9365, 79.4658, 83.3404** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.3018, 76.4953, 86.5071**, and the grayscale version is **75.3267, 79.2496, 86.3028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3599, 42.7142, 44.6455** is the 20% darker color. If you saturate the color by 10%, you get **70.5106, 77.5284, 67.6863**, and if you desaturate by 10%, it is **79.8335, 81.6013, 101.2491**.

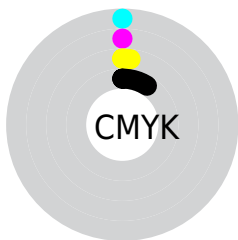
Distribution



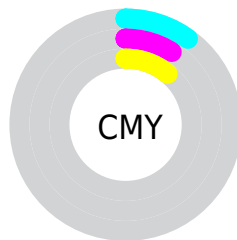
- Red (90%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (89%)



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



- Cyan (10%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9365, 79.4658, 83.3404 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 74.9365, 79.4658, 83.3404 by changing the saturation by 10% instead.

■ 74.9365, 79.4658,
83.3404

■ 74.9365, 79.4658,
83.3404

466.6998,
493.1307, 526.1210

■ 55.8549, 59.2789,
61.9288

125.2109,
132.6144, 139.9056

■ 40.3231, 42.8376,
44.5397

157.1343,
166.3449, 175.8963

■ 27.9759, 29.7577,
30.7547

194.0690,
205.3586, 217.5837

■ 18.4478, 19.6548,
20.1553

236.3804,
250.0401, 265.3864

■ 11.3736, 12.1444,
12.3228

284.4339,
300.7736, 319.7229

■ 6.3879, 6.8421,
6.8387

338.5947,

■ 3.1252, 3.3635,

357.9437, 381.0118

3.2845

399.2282,
421.9346, 449.6717

■ 1.2203, 1.3243,
1.2417

■ 0.1223, 0.1599,
0.0133

■ 74.9365, 79.4658,
83.3404

■ 74.9365, 79.4658,
83.3404

■ 70.5106, 77.5284,
67.6863

■ 79.8335, 81.6013,
101.2491

■ 66.5320, 75.7719,
54.1924

■ 82.3162, 82.7732,
106.2460

■ 62.9844, 74.1923,
42.7651

■ 83.9039, 83.5917,
106.3203

■ 59.8482, 72.7817,
33.3020

■ 85.5321, 84.4310,
106.3965

■ 57.1018, 71.5315,
25.6921

■ 87.2010, 85.2913,
106.4746

■ 54.7219, 70.4323,
19.8130

■ 87.8675, 85.6349,
106.5058

■ 52.6820, 69.4734,
15.5281

■ 50.9520, 68.6428,
12.6798

■ 49.4955, 67.9259,
11.0787

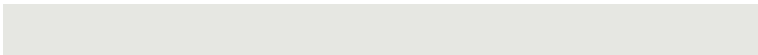
Harmonies

Analogous

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



75.5776, 79.4658, 82.9315



74.9365, 79.4658, 83.3404



74.4569, 79.4658, 84.5989

Triad

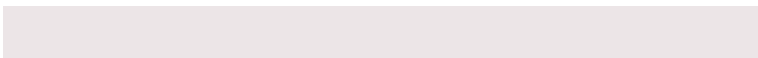
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9365, 79.4658, 83.3404



74.8544, 79.4658, 89.6493



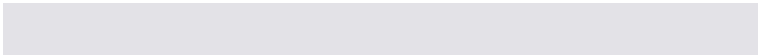
76.8095, 79.4658, 86.6614

Complementary

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



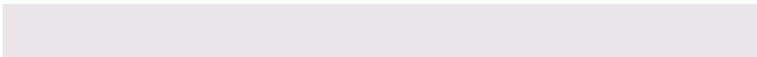
74.9365, 79.4658, 83.3404



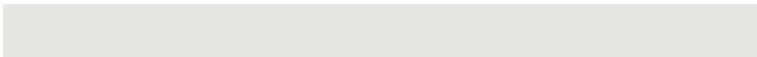
73.3018, 76.4953, 86.5071

Split Complementary

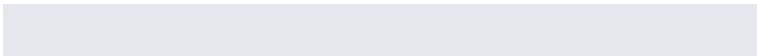
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6131, 79.4658, 88.4797



74.9365, 79.4658, 83.3404



75.4822, 79.4658, 90.2203

Square

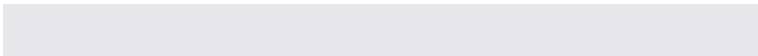
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



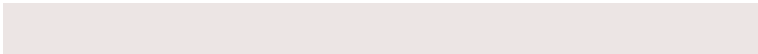
74.9365, 79.4658, 83.3404



74.4096, 79.4658, 88.2398



76.1263, 79.4658, 89.7892



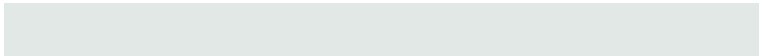
76.6613, 79.4658, 84.8321

Rectangle

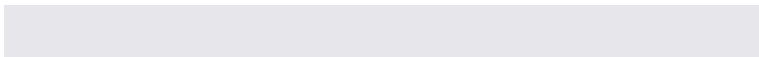
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



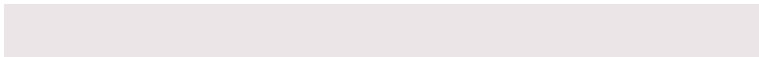
74.9365, 79.4658, 83.3404



74.2919, 79.4658, 85.7597



76.1263, 79.4658, 89.7892



76.7815, 79.4658, 87.2943

Sweetspot

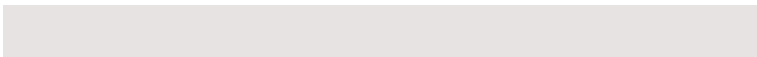
The Sweet Spot groups the original color and five complimentary colors.



74.9387, 79.4692, 83.3421



94.4541, 99.7399, 106.7433



74.1542, 77.4204, 82.9880



20.2234, 21.3512, 22.8702



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.



74.9387, 79.4692, 83.3421



93.2800, 99.2270, 102.5155



74.1426, 79.0588, 83.3049



15.8427, 16.8997, 17.2245



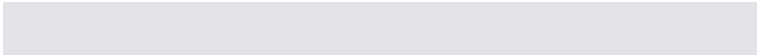
27.2924, 37.8512, 5.8676



2.0890, 2.8343, 0.4370

Inverse Universe

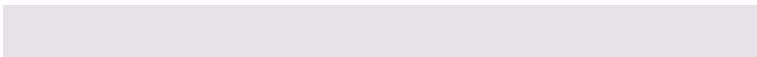
The Inverse Universe completely reimagines the original color for something new.



73.3018, 76.4953, 86.5071



90.4439, 94.0744, 107.9990



74.0957, 76.9046, 86.5442



15.2391, 15.8032, 18.3915



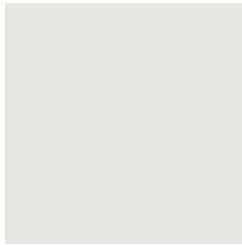
8.8075, 3.6063, 42.6151



0.7256, 0.3051, 3.1526

Previews

White Background



This preview shows how the XYZ color 74.9365, 79.4658, 83.3404 looks on a white background.

Color Contrast Check

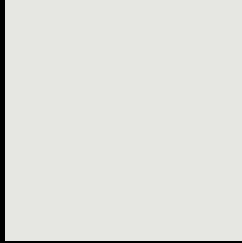
Large Text (above 18pt) WCAG AA × Fail

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 74.9365, 79.4658, 83.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

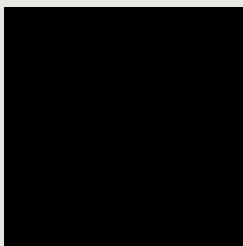
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

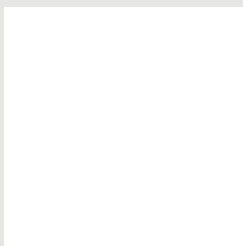
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9365, 79.4658, 83.3404

Background



This preview shows how black text looks on a background with the XYZ color 74.9365, 79.4658, 83.3404.



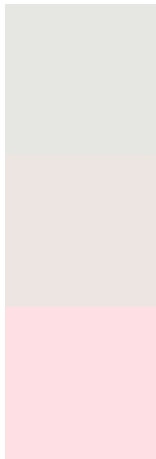
This preview shows how white text looks on a background with the XYZ color 74.9365, 79.4658,

83.3404.

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

74.9365, 79.4658, 83.3404

Protanopia

76.2020, 79.3077, 82.5258

Deuteranopia

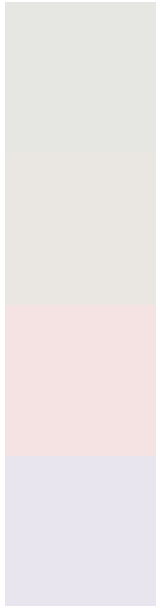
80.8993, 79.2594, 84.4335



Tritanopia

77.9822, 79.4643, 98.4168

Trichromacy



Original Color

74.9365, 79.4658, 83.3404

Protanomaly

75.8191, 79.5223, 82.5874

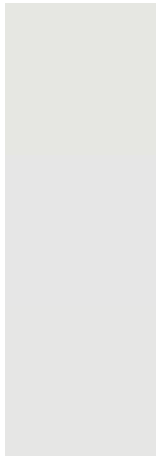
Deuteranomaly

78.7177, 79.3512, 83.8405

Tritanomaly

76.8780, 79.4264, 92.9403

Monochromacy



Original Color

74.9365, 79.4658, 83.3404

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0728, 79.0738, 85.4347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9365, 79.4658, 83.3404 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(230, 231, 226) looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 226)  
}
```

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(230, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.9365, 79.4658, 83.3404 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(230, 231, 226) }
```


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

```
.border{ border-color:rgb(230, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9365, 79.4658, 83.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 226) }
```

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

```
.background{ background-color: rgb(230,  
231, 226) }
```

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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