

Converting Colors

XYZ(75.5273, 79.9187, 84.4515)

Have a look what the booklet for
XYZ(75.5273, 79.9187, 84.4515)
contains.

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Color

**XYZ(75.3960, 79.6868,
84.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E7E3
RGB	231, 231, 227
RGB Percent	91%, 91%, 89%
CMY	0.0941, 0.0941, 0.1098
CMYK	0.00, 0.00, 0.02, 0.09
HSL	60°, 8%, 90%
HSV	60°, 2%, 91%
XYZ	75.3960, 79.6868, 84.0803
YIQ	230.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

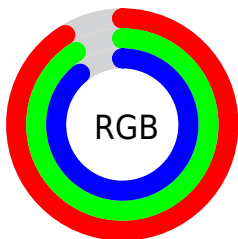
Format	Color
R_{YB}	227, 231, 227
Decimal	15198179
CIE Lab	91.54, -0.70, 1.93
CIE LCh	92, 2.057, 109.979
Yxy	79.6868, 0.3152, 0.3332
Android (android.graphics.Color)	4293388259 (0xFFE7E7E3)
YUV	230.5440, -1.7472, 0.3999
Hunter-Lab	89.2675, -5.4556, 6.6425

Details

The XYZ color **75.3960, 79.6868, 84.0803** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.5745, 77.0407, 86.5980**, and the grayscale version is **75.6306, 79.5693, 86.6510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4556, 42.7525, 45.1495** is the 20% darker color. If you saturate the color by 10%, you get **72.4121, 78.4949, 68.3990**, and if you desaturate by 10%, it is **78.8122, 81.0568, 102.0181**.

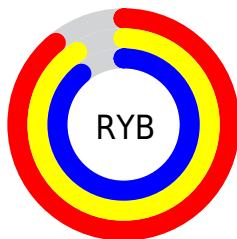
Distribution



Red (91%)

Green (91%)

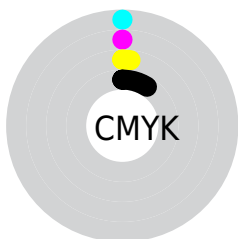
Blue (89%)



Red (89%)

Yellow (91%)

Blue (89%)

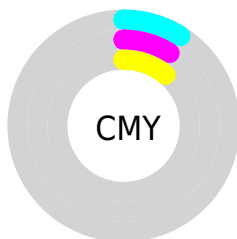


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3960, 79.6868, 84.0803 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 75.3960, 79.6868, 84.0803 by changing the saturation by 10% instead.

■ 75.3960, 79.6868,
84.0803

■ 75.3960, 79.6868,
84.0803

468.2538,
493.8767, 528.6449

■ 56.2327, 59.4607,
62.5360

125.8577,
132.9253, 140.9502

■ 40.6272, 42.9841,
45.0273

157.8867,
166.7064, 177.1129

■ 28.2143, 29.8726,
31.1358

194.9351,
205.7747, 218.9854

■ 18.6286, 19.7419,
20.4430

237.3681,
250.5145, 266.9864

■ 11.5046, 12.2076,
12.5302

285.5511,
301.3102, 321.5342

■ 6.4771, 6.8852,
6.9789

339.8495,

■ 3.1807, 3.3904,

358.5462, 383.0476

3.3707

400.6286,
422.6069, 451.9449

■ 1.2500, 1.3388,
1.2869

■ 0.1453, 0.1709,
0.0510

■ 75.3960, 79.6868,
84.0803

■ 75.3960, 79.6868,
84.0803

■ 72.4121, 78.4949,
68.3990

■ 78.8122, 81.0568,
102.0181

■ 69.8369, 77.4639,
54.8800

■ 79.5989, 81.3723,
106.1189

■ 67.6547, 76.5900,
43.4301

■ 79.6069, 81.3764,
106.1192

■ 65.8460, 75.8656,
33.9471

■ 79.6148, 81.3806,
106.1196

64.3898, 75.2822,
26.3205

79.6228, 81.3847,
106.1200

63.2630, 74.8306,
20.4287

79.6308, 81.3888,
106.1204

62.4398, 74.5004,
16.1354

79.6388, 81.3929,
106.1207

61.8905, 74.2798,
13.2845

79.6468, 81.3970,
106.1211

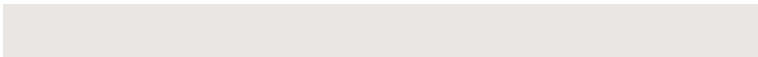
61.5794, 74.1544,
11.6881

79.6548, 81.4012,
106.1215

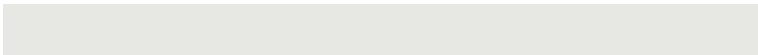
Harmonies

Analogous

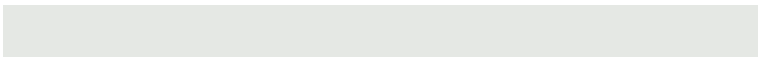
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9155, 79.6868, 83.9533



75.3960, 79.6868, 84.0803



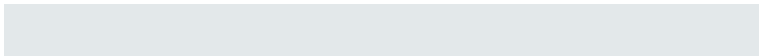
74.9705, 79.6868, 84.9221

Triad

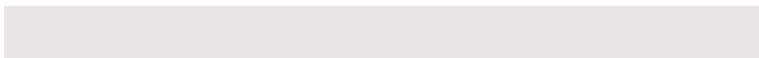
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3960, 79.6868, 84.0803



75.0935, 79.6868, 88.9951



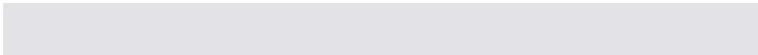
76.7369, 79.6868, 87.2687

Complementary

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



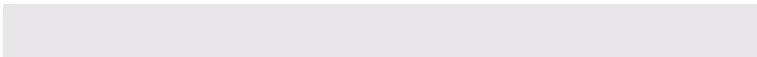
75.3960, 79.6868, 84.0803



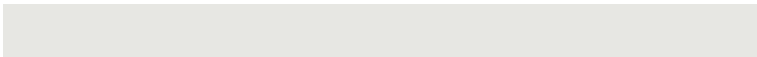
73.5745, 77.0407, 86.5980

Split Complementary

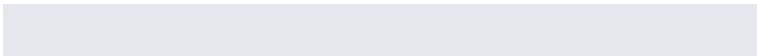
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5145, 79.6868, 88.6352



75.3960, 79.6868, 84.0803



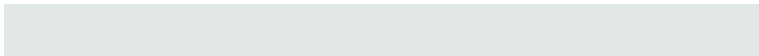
75.5646, 79.6868, 89.6395

Square

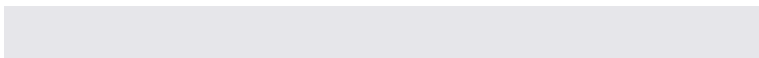
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



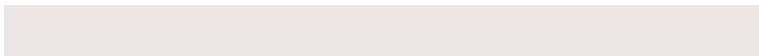
75.3960, 79.6868, 84.0803



74.7965, 79.6868, 87.7556



76.0849, 79.6868, 89.5070



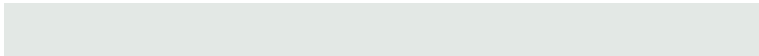
76.6913, 79.6868, 85.7827

Rectangle

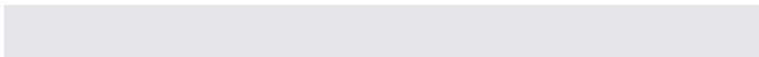
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3960, 79.6868, 84.0803



74.7967, 79.6868, 85.7807



76.0849, 79.6868, 89.5070



76.6910, 79.6868, 87.7575

Sweetspot

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



75.3982, 79.6902, 84.0820



94.6411, 99.8363, 106.7520



74.2917, 77.4750, 83.7128



20.2614, 21.3708, 22.8720



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

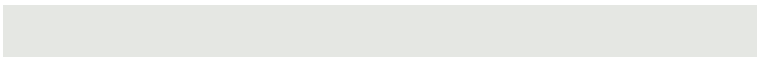
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3982, 79.6902, 84.0820



94.2376, 99.6748, 104.6326



74.7571, 79.3597, 84.0520



16.0894, 17.0123, 17.8981



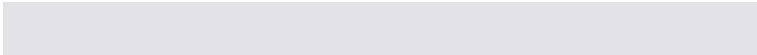
34.4511, 41.5417, 6.2026



2.5463, 3.0700, 0.4584

Inverse Universe

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



73.5745, 77.0407, 86.5980



91.5950, 95.8356, 108.2783



74.2084, 77.3675, 86.6277



15.6651, 16.3959, 18.4834



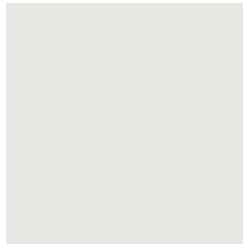
8.0886, 3.2357, 42.5814



0.5982, 0.2394, 3.1466

Previews

White Background



This preview shows how the XYZ color 75.3960, 79.6868, 84.0803 looks on a white background.

Color Contrast Check

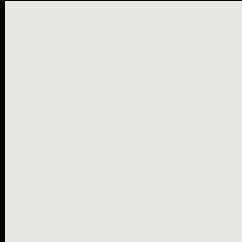
Large Text (above 18pt) WCAG AA × Fail

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 75.3960, 79.6868, 84.0803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

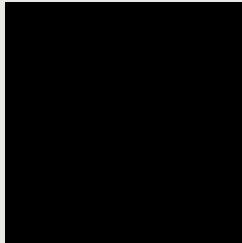
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

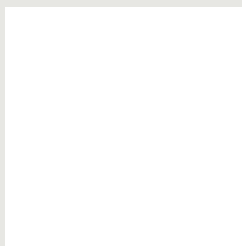
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3960, 79.6868, 84.0803

Background



This preview shows how black text looks on a background with the XYZ color 75.3960, 79.6868, 84.0803.



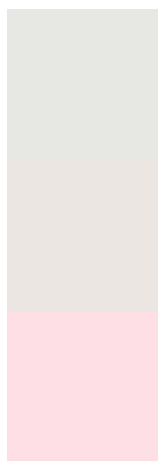
This preview shows how white text looks on a background with the XYZ color 75.3960, 79.6868,

84.0803.

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

75.3960, 79.6868, 84.0803

Protanopia

76.6164, 79.9175, 83.3390

Deuteranopia

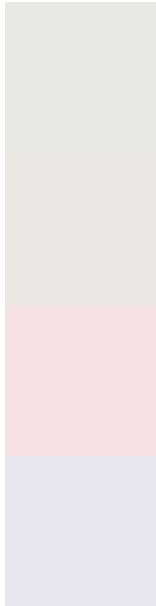
81.4036, 79.5033, 85.1840



Tritanopia

78.3096, 79.6331, 98.4321

Trichromacy



Original Color

75.3960, 79.6868, 84.0803

Protanomaly

75.9560, 79.5770, 83.3081

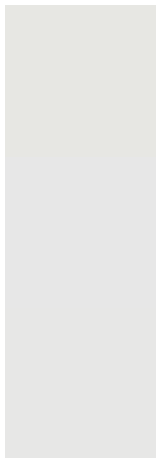
Deuteranomaly

79.2060, 79.5870, 84.5860

Tritanomaly

77.2036, 79.5943, 92.9555

Monochromacy



Original Color

75.3960, 79.6868, 84.0803

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8138, 79.8539, 86.2804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3960, 79.6868, 84.0803 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(231, 231, 227) looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 227)  
}
```

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(231, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.3960, 79.6868, 84.0803 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(231, 231, 227) }
```


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

```
.border{ border-color:rgb(231, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(231, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3960, 79.6868, 84.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 231, 227) }
```

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

```
.background{ background-color: rgb(231,  
231, 227) }
```

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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