

Converting Colors

XYZ(72.8672, 76.2842, 81.1959)

Have a look what the booklet for
XYZ(72.8672, 76.2842, 81.1959)
contains.

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Color

**XYZ(72.9640, 76.4325,
81.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E2E0
RGB	229, 226, 224
RGB Percent	90%, 89%, 88%
CMY	0.1020, 0.1137, 0.1216
CMYK	0.00, 0.01, 0.02, 0.10
HSL	24°, 9%, 89%
HSV	24°, 2%, 90%
XYZ	72.9640, 76.4325, 81.4284
YIQ	226.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

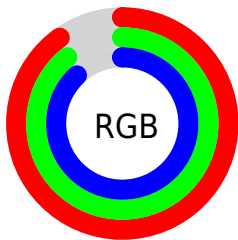
Format	Color
R _Y B	229, 227, 224
Decimal	15065824
CIE Lab	90.06, 0.66, 1.32
CIE LCh	90, 1.481, 63.339
Yxy	76.4325, 0.3161, 0.3311
Android (android.graphics.Color)	4293255904 (0xFFE5E2E0)
YUV	226.6690, -1.3158, 2.0443
Hunter-Lab	87.4257, -4.0219, 5.9752

Details

The XYZ color **72.9640, 76.4325, 81.4284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3525, 76.4417, 85.0711**, and the grayscale version is **72.7831, 76.5735, 83.3885**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1799, 40.9891, 43.3828** is the 20% darker color. If you saturate the color by 10%, you get **66.4823, 68.1085, 64.9632**, and if you desaturate by 10%, it is **80.1670, 85.5278, 100.1995**.

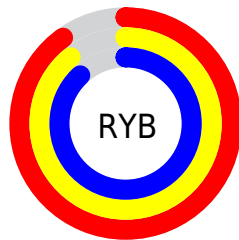
Distribution



Red (90%)

Green (89%)

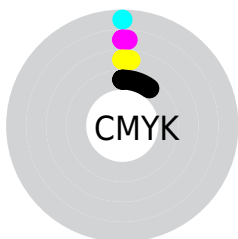
Blue (88%)



Red (90%)

Yellow (89%)

Blue (88%)

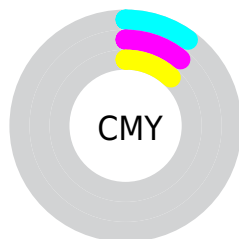


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9640, 76.4325, 81.4284 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 72.9640, 76.4325, 81.4284 by changing the saturation by 10% instead.

■ 72.9640, 76.4325,
81.4284

■ 72.9640, 76.4325,
81.4284

459.9958,
482.8269, 519.5669

■ 54.2348, 56.7872,
60.3614

122.4295,
128.3381, 137.2016

■ 39.0208, 40.8344,
43.2828

153.8965,
161.3672, 172.7449

■ 26.9567, 28.1897,
29.7740

190.3402,
199.6263, 213.9508

■ 17.6771, 18.4687,
19.4165

232.1259,
243.5000, 261.2377

■ 10.8167, 11.2870,
11.7918

279.6189,
293.3724, 315.0242

■ 6.0101, 6.2602,
6.4813

333.1847,

■ 2.8919, 3.0040,

349.6282, 375.7289

3.0664

393.1885,
412.6515, 443.7703

■ 1.0969, 1.1338,
1.1286

■ 0.0225, 0.0066,
0.0000

■ 72.9640, 76.4325,
81.4284

■ 72.9640, 76.4325,
81.4284

■ 66.4823, 68.1085,
64.9632

■ 80.1670, 85.5278,
100.1995

■ 60.6920, 60.5253,
50.7093

■ 85.6313, 94.4138,
108.3182

■ 55.5702, 53.6648,
38.5726

■ 86.1236, 95.3983,
108.4822

■ 51.0905, 47.5043,
28.4505

■ 47.2243, 42.0199,
20.2315

■ 43.9408, 37.1863,
13.7933

■ 41.2060, 32.9760,
8.9992

■ 38.9815, 29.3594,
5.6920

■ 37.2227, 26.3031,
3.6832

Harmonies

Analogous

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



73.2381, 76.4325, 82.1159



72.9640, 76.4325, 81.4284



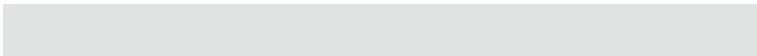
72.6057, 76.4325, 81.2201

Triad

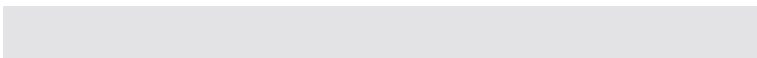
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9640, 76.4325, 81.4284



71.9444, 76.4325, 83.3398



73.0354, 76.4325, 84.9224

Complementary

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



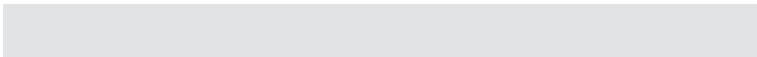
72.9640, 76.4325, 81.4284



72.3525, 76.4417, 85.0711

Split Complementary

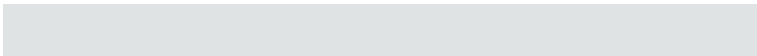
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6879, 76.4325, 85.2565



72.9640, 76.4325, 81.4284



72.0587, 76.4325, 84.3380

Square

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



72.9640, 76.4325, 81.4284



72.0178, 76.4325, 82.3182



72.3305, 76.4325, 85.0417



73.2795, 76.4325, 84.1324

Rectangle

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



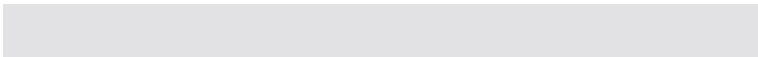
72.9640, 76.4325, 81.4284



72.3675, 76.4325, 81.3796



72.3305, 76.4325, 85.0417



72.9268, 76.4325, 85.0920

Sweetspot

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



72.9662, 76.4358, 81.4301



94.1566, 98.8658, 106.5902



72.8350, 75.5166, 83.4115



20.1628, 21.1733, 22.8390



0.0000, 0.0000, 0.0000



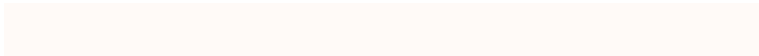
20.3446, 21.4041, 23.3091

Same Dimension

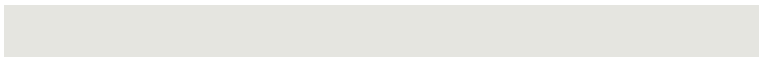
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9662, 76.4358, 81.4301



92.3975, 96.6270, 102.0601



73.6499, 77.8033, 81.6580



15.6547, 16.3454, 17.1275



20.7625, 14.0991, 1.6271



1.6232, 1.2197, 0.1499

Inverse Universe

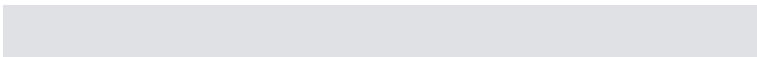
The Inverse Universe completely reimagines the original color for something new.



72.3525, 76.4417, 85.0711



91.3211, 96.6373, 108.4475



71.6747, 75.0862, 84.8452



15.4256, 16.3476, 18.4867



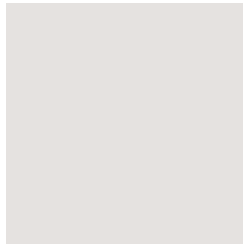
13.3402, 13.7425, 44.3326



1.0761, 1.1962, 3.3061

Previews

White Background



This preview shows how the XYZ color 72.9640, 76.4325, 81.4284 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 72.9640, 76.4325, 81.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

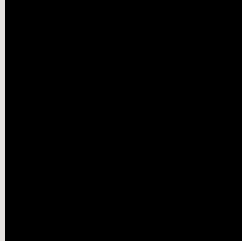
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

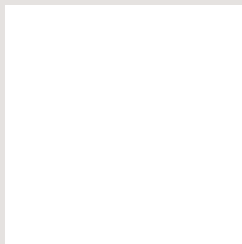
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9640, 76.4325, 81.4284

Background



This preview shows how black text looks on a background with the XYZ color 72.9640, 76.4325, 81.4284.



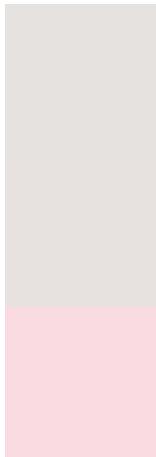
This preview shows how white text looks on a background with the XYZ color 72.9640, 76.4325,

81.4284.

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

72.9640, 76.4325, 81.4284

Protanopia

73.3348, 76.2212, 81.3680

Deuteranopia

77.9890, 76.2390, 81.8393



Tritanopia

75.5436, 76.2820, 93.9614

Trichromacy



Original Color

72.9640, 76.4325, 81.4284

Protanomaly

73.0129, 76.0552, 81.3529

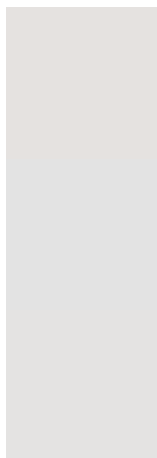
Deuteranomaly

76.3298, 76.5560, 81.9879

Tritanomaly

74.6060, 76.2984, 89.3922

Monochromacy



Original Color

72.9640, 76.4325, 81.4284

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1915, 76.9231, 82.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9640, 76.4325, 81.4284 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(229, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 224)  
}
```

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(229, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.9640, 76.4325, 81.4284 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(229, 226, 224) }
```


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

```
.border{ border-color:rgb(229, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9640, 76.4325, 81.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 224) }
```

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

```
.background{ background-color: rgb(229,  
226, 224) }
```

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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