

Converting Colors

XYZ(73.7835, 76.6737, 81.6505)

Have a look what the booklet for
XYZ(73.7835, 76.6737, 81.6505)
contains.

XYZ(73.9296, 76.9303, 81.4735)	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(73.9296, 76.9303,
81.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2E0
RGB	232, 226, 224
RGB Percent	91%, 89%, 88%
CMY	0.0902, 0.1137, 0.1216
CMYK	0.00, 0.03, 0.03, 0.09
HSL	15°, 15%, 89%
HSV	15°, 3%, 91%
XYZ	73.9296, 76.9303, 81.4735
YIQ	227.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

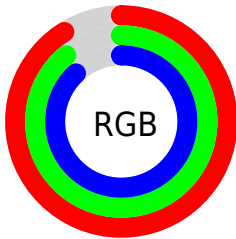
Format	Color
R _Y B	232, 227, 224
Decimal	15262432
CIE Lab	90.29, 1.68, 1.69
CIE LCh	90, 2.383, 45.018
Yxy	76.9303, 0.3182, 0.3311
Android (android.graphics.Color)	4293452512 (0xFFE8E2E0)
YUV	227.5660, -1.7580, 3.8886
Hunter-Lab	87.7099, -3.0369, 6.3226

Details

The XYZ color **73.9296, 76.9303, 81.4735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6027, 78.2660, 87.5725**, and the grayscale version is **73.4379, 77.2624, 84.1388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6288, 41.2205, 43.4038** is the 20% darker color. If you saturate the color by 10%, you get **66.5050, 66.7769, 64.5200**, and if you desaturate by 10%, it is **82.2675, 88.2212, 100.8514**.

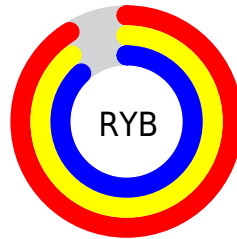
Distribution



Red (91%)

Green (89%)

Blue (88%)



Red (91%)

Yellow (89%)

Blue (88%)

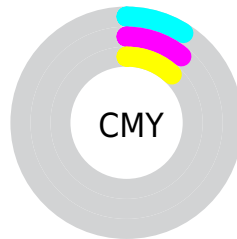


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9296, 76.9303, 81.4735 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 73.9296, 76.9303, 81.4735 by changing the saturation by 10% instead.

■ 73.9296, 76.9303,
81.4735

■ 73.9296, 76.9303,
81.4735

463.2844,
484.5264, 519.7220

■ 55.0275, 57.1957,
60.3984

123.7920,
129.0411, 137.2655

■ 39.6577, 41.1624,
43.3124

155.4831,
162.1860, 172.8194

■ 27.4548, 28.4460,
29.7971

192.1678,
200.5699, 214.0367

■ 18.0534, 18.6621,
19.4339

234.2116,
244.5770, 261.3358

■ 11.0883, 11.4264,
11.8042

281.9798,
294.5918, 315.1354

■ 6.1940, 6.3544,
6.4896

335.8378,

■ 3.0052, 3.0618,

350.9987, 375.8539

3.0714

396.1509,
414.1821, 443.9099

■ 1.1565, 1.1641,
1.1312

■ 0.0716, 0.0321,
0.0000

■ 73.9296, 76.9303,
81.4735

■ 73.9296, 76.9303,
81.4735

■ 66.5050, 66.7769,
64.5200

■ 82.2675, 88.2212,
100.8514

■ 59.9557, 57.7157,
49.8901

■ 87.0892, 95.8960,
108.5274

■ 54.2505, 49.7127,
37.4835

■ 49.3538, 42.7288,
27.1905

■ 45.2277, 36.7221,
18.8919

■ 41.8305, 31.6479,
12.4568

■ 39.1168, 27.4576,
7.7383

■ 37.0354, 24.0983,
4.5672

■ 35.5263, 21.5101,
2.7389

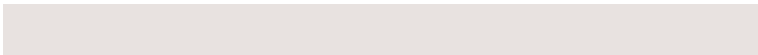
Harmonies

Analogous

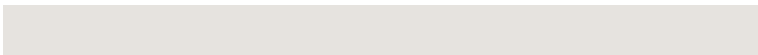
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2277, 76.9303, 82.9200



73.9296, 76.9303, 81.4735



73.4154, 76.9303, 80.6464

Triad

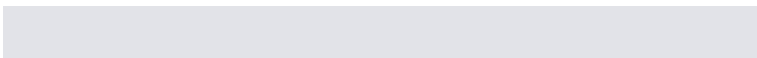
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9296, 76.9303, 81.4735



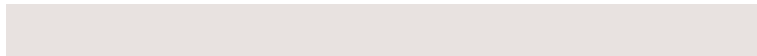
72.0231, 76.9303, 82.9219



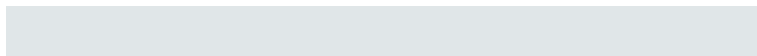
73.4160, 76.9303, 86.9605

Complementary

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



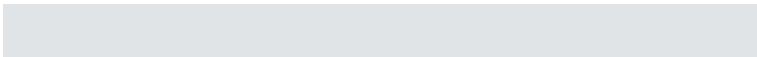
73.9296, 76.9303, 81.4735



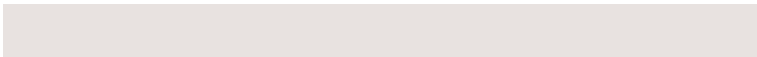
73.6027, 78.2660, 87.5725

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.



72.8253, 76.9303, 86.9610



73.9296, 76.9303, 81.4735



72.0233, 76.9303, 84.6137

Square

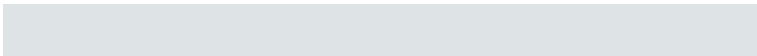
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9296, 76.9303, 81.4735



72.3157, 76.9303, 81.4749



72.3162, 76.9303, 86.0971



73.9301, 76.9303, 86.0956

Rectangle

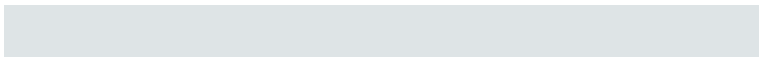
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



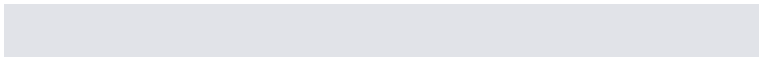
73.9296, 76.9303, 81.4735



73.0202, 76.9303, 80.5503



72.3162, 76.9303, 86.0971



73.2198, 76.9303, 87.0621

Sweetspot

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



73.9318, 76.9336, 81.4752



94.0354, 98.6235, 106.5498



74.2184, 76.1814, 85.6567



20.1381, 21.1240, 22.8308



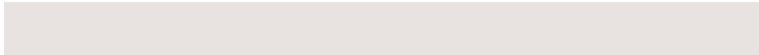
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.9318, 76.9336, 81.4752



91.0604, 94.5793, 99.6824



75.0311, 79.1324, 81.8416



15.4230, 15.9815, 16.7434



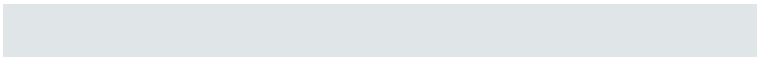
19.4025, 11.3792, 1.1738



1.5063, 0.9859, 0.1109

Inverse Universe

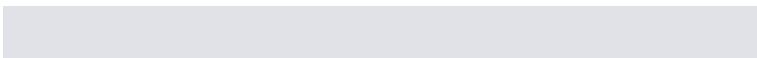
The Inverse Universe completely reimagines the original color for something new.



73.6027, 78.2660, 87.5725



90.5867, 96.4971, 108.4591



72.5034, 76.0673, 87.2061



15.3284, 16.3642, 18.4950



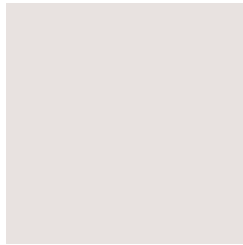
16.5818, 20.2257, 45.4132



1.2979, 1.6397, 3.3800

Previews

White Background



This preview shows how the XYZ color 73.9296, 76.9303, 81.4735 looks on a white background.

Color Contrast Check

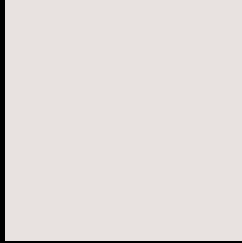
Large Text (above 18pt) WCAG AA × Fail

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 73.9296, 76.9303, 81.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

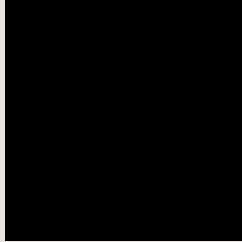
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

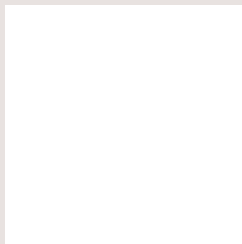
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9296, 76.9303, 81.4735

Background



This preview shows how black text looks on a background with the XYZ color 73.9296, 76.9303, 81.4735.



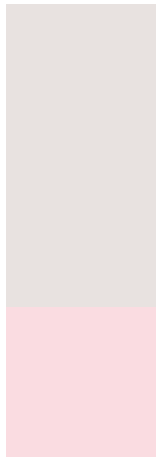
This preview shows how white text looks on a background with the XYZ color 73.9296, 76.9303,

81.4735.

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

73.9296, 76.9303, 81.4735

Protanopia

73.9296, 76.9303, 81.4735

Deuteranopia

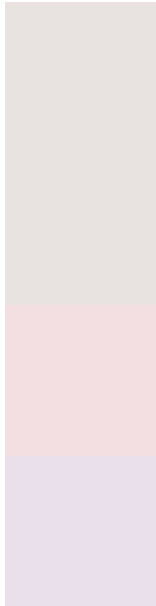
78.6081, 76.9466, 81.9433



Tritanopia

76.5258, 76.7884, 94.0074

Trichromacy



Original Color

73.9296, 76.9303, 81.4735

Protanomaly

73.9296, 76.9303, 81.4735

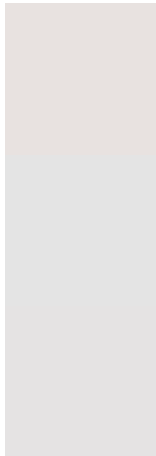
Deuteranomaly

76.6740, 76.7335, 82.0040

Tritanomaly

75.5827, 76.8019, 89.4379

Monochromacy



Original Color

73.9296, 76.9303, 81.4735

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6473, 77.1422, 83.6814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9296, 76.9303, 81.4735 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(232, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.9296, 76.9303, 81.4735 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(232, 226, 224) }
```


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

```
.border{ border-color:rgb(232, 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(232, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9296, 76.9303, 81.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 224) }
```

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

```
.background{ background-color: rgb(232,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor