

Converting Colors

XYZ(72.8716, 75.7967, 81.3582)

Have a look what the booklet for
XYZ(72.8716, 75.7967, 81.3582)
contains.

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Color

**XYZ(73.0129, 76.0552,
81.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E0
RGB	230, 225, 224
RGB Percent	90%, 88%, 88%
CMY	0.0980, 0.1176, 0.1216
CMYK	0.00, 0.02, 0.03, 0.10
HSL	10°, 11%, 89%
HSV	10°, 3%, 90%
XYZ	73.0129, 76.0552, 81.3529
YIQ	226.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

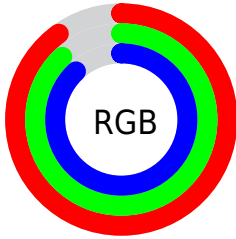
Format	Color
R _Y B	230, 225, 224
Decimal	15131104
CIE Lab	89.88, 1.52, 1.08
CIE LCh	90, 1.864, 35.342
Yxy	76.0552, 0.3169, 0.3301
Android (android.graphics.Color)	4293321184 (0xFFE6E1E0)
YUV	226.3810, -1.1738, 3.1739
Hunter-Lab	87.2096, -3.1746, 5.7385

Details

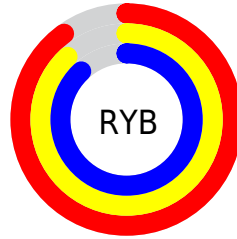
The XYZ color **73.0129, 76.0552, 81.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0428, 77.5981, 85.9922**, and the grayscale version is **72.5728, 76.3523, 83.1476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2154, 40.7280, 43.3305** is the 20% darker color. If you saturate the color by 10%, you get **65.2124, 65.1124, 64.3901**, and if you desaturate by 10%, it is **81.8205, 88.3349, 100.7350**.

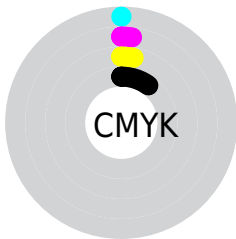
Distribution



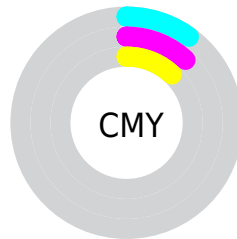
- Red (90%)
- Green (88%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0129, 76.0552, 81.3529 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 73.0129, 76.0552, 81.3529 by changing the saturation by 10% instead.

■ 73.0129, 76.0552,
81.3529

■ 73.0129, 76.0552,
81.3529

460.1626,
481.5366, 519.3071

■ 54.2749, 56.4778,
60.2996

122.4986,
127.8049, 137.0947

■ 39.0530, 40.5861,
43.2333

153.9769,
160.7460, 172.6203

■ 26.9819, 27.9958,
29.7354

190.4329,
198.9105, 213.8070

■ 17.6962, 18.3225,
19.3875

232.2316,
242.6826, 261.0734

■ 10.8304, 11.1818,
11.7710

279.7387,
292.4470, 314.8381

■ 6.0194, 6.1892,
6.4673

333.3193,

■ 2.8976, 2.9605,

348.5878, 375.5196

3.0579

393.3388,
411.4896, 443.5364

■ 1.0999, 1.1111,
1.1243

■ 0.0250, 0.0000,
0.0000

■ 73.0129, 76.0552,
81.3529

■ 73.0129, 76.0552,
81.3529

■ 65.2124, 65.1124,
64.3901

■ 81.8205, 88.3349,
100.7350

■ 58.3766, 55.4517,
49.7466

■ 86.4436, 95.5632,
108.4972

■ 52.4697, 47.0290,
37.3229

■ 47.4509, 39.7939,
27.0102

■ 43.2766, 33.6926,
18.6906

■ 39.8993, 28.6671,
12.2346

■ 37.2669, 24.6542,
7.4973

■ 35.3204, 21.5839,
4.3120

■ 33.9914, 19.3770,
2.4789

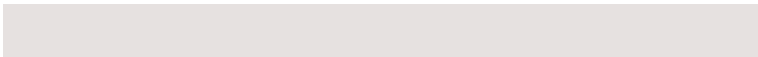
Harmonies

Analogous

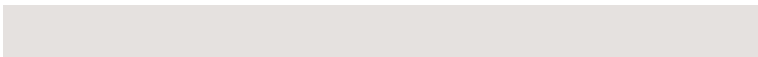
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1734, 76.0552, 82.5753



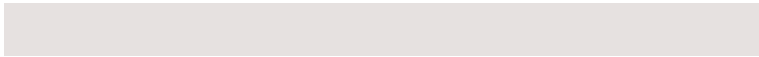
73.0129, 76.0552, 81.3529



72.6582, 76.0552, 80.5278

Triad

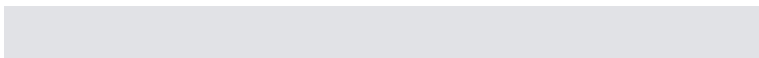
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0129, 76.0552, 81.3529



71.4864, 76.0552, 81.7577



72.3707, 76.0552, 85.3619

Complementary

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



73.0129, 76.0552, 81.3529



73.0428, 77.5981, 85.9922

Split Complementary

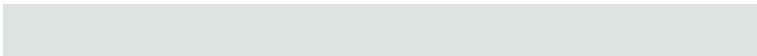
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9194, 76.0552, 85.1373



73.0129, 76.0552, 81.3529



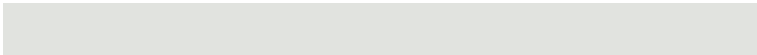
71.4101, 76.0552, 83.0475

Square

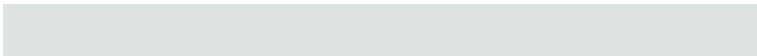
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0129, 76.0552, 81.3529



71.7772, 76.0552, 80.7597



71.5683, 76.0552, 84.2868



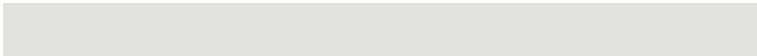
72.8016, 76.0552, 84.8971

Rectangle

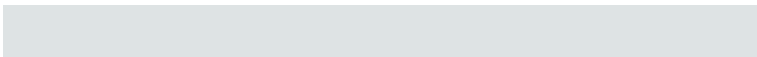
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



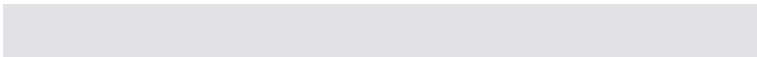
73.0129, 76.0552, 81.3529



72.3601, 76.0552, 80.3092



71.5683, 76.0552, 84.2868



72.2163, 76.0552, 85.3646

Sweetspot

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



73.0150, 76.0585, 81.3545



93.9685, 98.4895, 106.5275



73.4328, 75.7926, 84.8890



20.1245, 21.0967, 22.8263



0.0000, 0.0000, 0.0000



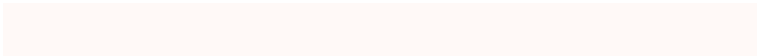
20.3446, 21.4041, 23.3091

Same Dimension

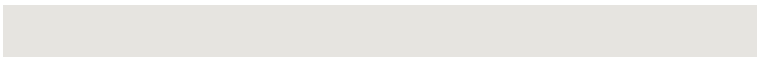
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0150, 76.0585, 81.3545



91.8440, 95.5198, 101.8756



73.8322, 77.6928, 81.6269



15.5372, 16.1103, 17.0883



18.9359, 10.4459, 1.0182



1.4579, 0.8890, 0.0948

Inverse Universe

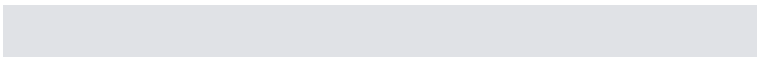
The Inverse Universe completely reimagines the original color for something new.



73.0428, 77.5981, 85.9922



91.8844, 97.7639, 108.6352



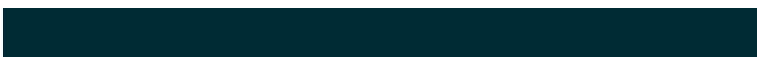
72.2209, 75.9543, 85.7183



15.5458, 16.5879, 18.5268



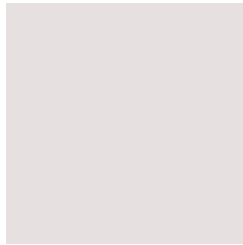
18.7761, 24.6142, 46.1446



1.4422, 1.9283, 3.4282

Previews

White Background



This preview shows how the XYZ color 73.0129, 76.0552, 81.3529 looks on a white background.

Color Contrast Check

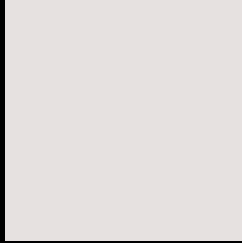
Large Text (above 18pt) WCAG AA × Fail

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 73.0129, 76.0552, 81.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

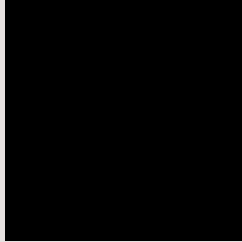
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

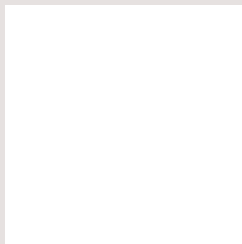
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0129, 76.0552, 81.3529

Background



This preview shows how black text looks on a background with the XYZ color 73.0129, 76.0552, 81.3529.

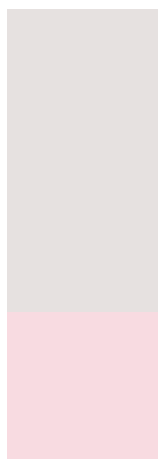


This preview shows how white text looks on a background with the XYZ color 73.0129, 76.0552,

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

73.0129, 76.0552, 81.3529

Protanopia

73.0129, 76.0552, 81.3529

Deuteranopia

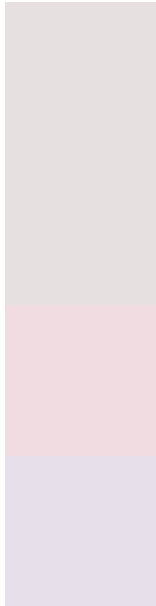
77.6335, 76.0557, 81.8227



Tritanopia

75.3946, 76.2224, 93.1768

Trichromacy



Original Color

73.0129, 76.0552, 81.3529

Protanomaly

73.0129, 76.0552, 81.3529

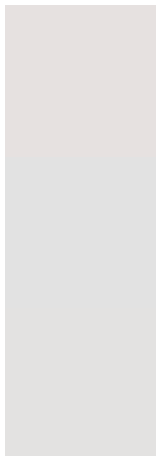
Deuteranomaly

75.7227, 75.8499, 81.8836

Tritanomaly

74.4619, 76.2407, 88.6333

Monochromacy



Original Color

73.0129, 76.0552, 81.3529

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4655, 76.1598, 82.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0129, 76.0552, 81.3529 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, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 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(230, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.0129, 76.0552, 81.3529 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, 225, 224) }
```


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

```
.border{ border-color:rgb(230, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0129, 76.0552, 81.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 224) }
```

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

```
.background{ background-color: rgb(230,  
225, 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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