

Converting Colors

XYZ(76.0055, 79.1963, 80.7052)

Have a look what the booklet for
XYZ(76.0055, 79.1963, 80.7052)
contains.

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Color

**XYZ(76.1292, 79.3171,
80.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE5DE
RGB	237, 229, 222
RGB Percent	93%, 90%, 87%
CMY	0.0706, 0.1019, 0.1294
CMYK	0.00, 0.03, 0.06, 0.07
HSL	28°, 29%, 90%
HSV	28°, 6%, 93%
XYZ	76.1292, 79.3171, 80.4045
YIQ	230.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

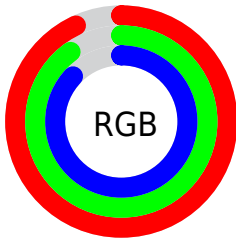
Format	Color
R _Y B	237, 235, 222
Decimal	15590878
CIE Lab	91.38, 1.51, 4.36
CIE LCh	91, 4.614, 70.886
Yxy	79.3171, 0.3228, 0.3363
Android (android.graphics.Color)	4293780958 (0xFFE5DE)
YUV	230.5940, -4.2368, 5.6181
Hunter-Lab	89.0601, -3.2723, 8.8144

Details

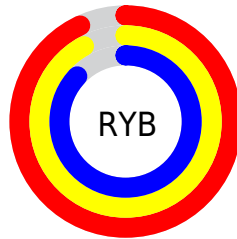
The XYZ color **76.1292, 79.3171, 80.4045** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7070, 78.2364, 91.3381**, and the grayscale version is **75.6827, 79.6241, 86.7106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1672, 42.8859, 42.6673** is the 20% darker color. If you saturate the color by 10%, you get **69.8047, 71.3987, 63.7108**, and if you desaturate by 10%, it is **83.1591, 87.9299, 99.5381**.

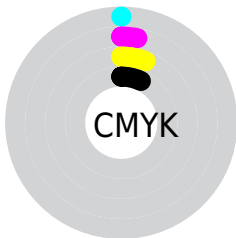
Distribution



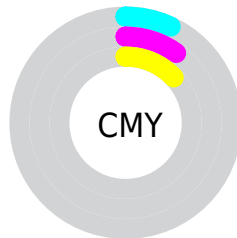
- Red (93%)
- Green (90%)
- Blue (87%)



- Red (93%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1292, 79.3171, 80.4045 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 76.1292, 79.3171, 80.4045 by changing the saturation by 10% instead.

■ 76.1292, 79.3171,
80.4045

■ 76.1292, 79.3171,
80.4045

470.7275,
492.6284, 516.0377

■ 56.8359, 59.1566,
59.5231

126.8889,
132.4052, 135.7508

■ 41.1131, 42.7392,
42.6116

159.0860,
166.1015, 171.0529

■ 28.5955, 29.6805,
29.2514

196.3151,
205.0786, 211.9989

■ 18.9178, 19.5962,
19.0238

238.9415,
249.7207, 259.0074

■ 11.7146, 12.1019,
11.5105

287.3306,
300.4124, 312.4971

■ 6.6204, 6.8131,
6.2929

341.8477,

■ 3.2701, 3.3455,

357.5380, 372.8863

2.9523

402.8582,
421.4819, 440.5936

■ 1.2981, 1.3147,
1.0703

■ 0.1818, 0.1525,
0.0000

■ 76.1292, 79.3171,
80.4045

■ 76.1292, 79.3171,
80.4045

■ 69.8047, 71.3987,
63.7108

■ 83.1591, 87.9299,
99.5381

■ 64.1552, 64.1461,
49.3525

■ 88.5038, 96.2813,
108.5273

■ 59.1573, 57.5437,
37.2252

■ 88.7355, 96.7447,
108.6045

■ 54.7840, 51.5715,
27.2143

■ 51.0059, 46.2082,
19.1950

■ 47.7911, 41.4310,
13.0290

■ 45.1037, 37.2152,
8.5603

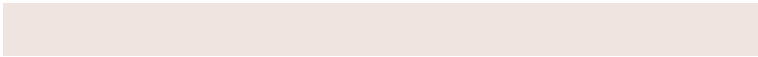
■ 42.9029, 33.5338,
5.6066

■ 41.1388, 30.3552,
3.9407

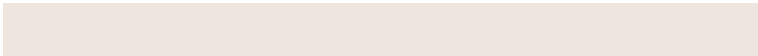
Harmonies

Analogous

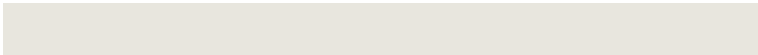
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1059, 79.3171, 82.2051



76.1292, 79.3171, 80.4045



74.9636, 79.3171, 80.1761

Triad

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



76.1292, 79.3171, 80.4045



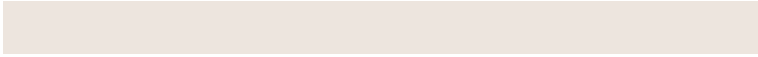
73.1961, 79.3171, 87.5880



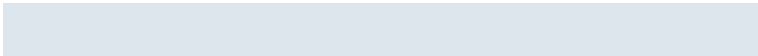
76.8739, 79.3171, 91.3369

Complementary

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



76.1292, 79.3171, 80.4045



73.7070, 78.2364, 91.3381

Split Complementary

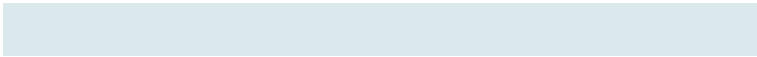
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8151, 79.3171, 92.8600



76.1292, 79.3171, 80.4045



73.6969, 79.3171, 90.6585

Square

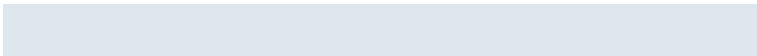
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1292, 79.3171, 80.4045



73.2783, 79.3171, 84.2657



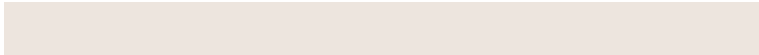
74.6527, 79.3171, 92.6085



77.5389, 79.3171, 88.4945

Rectangle

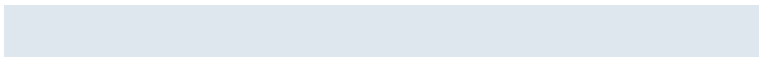
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1292, 79.3171, 80.4045



74.2371, 79.3171, 80.9393



74.6527, 79.3171, 92.6085



76.5518, 79.3171, 92.0234

Sweetspot

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



76.1314, 79.3206, 80.4062



93.3785, 97.9536, 104.3456



75.3303, 75.9614, 85.5556



20.0044, 20.9876, 22.3820



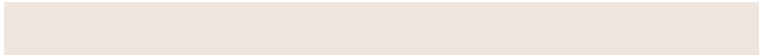
0.0000, 0.0000, 0.0000



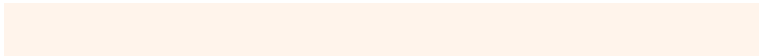
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1314, 79.3206, 80.4062



88.5662, 92.0122, 91.3868



78.2505, 83.5587, 81.1126



15.6453, 16.2136, 15.8237



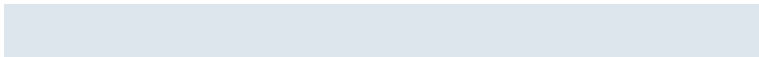
22.2803, 16.2549, 1.9632



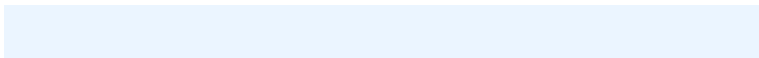
1.8450, 1.4674, 0.1860

Inverse Universe

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



73.7070, 78.2364, 91.3381



84.9751, 90.4062, 107.5792



71.6656, 74.1538, 90.6577



14.8961, 15.8786, 19.2020



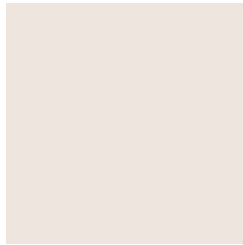
12.5750, 11.7970, 45.3572



1.0836, 1.1187, 3.5937

Previews

White Background



This preview shows how the XYZ color 76.1292, 79.3171, 80.4045 looks on a white background.

Color Contrast Check

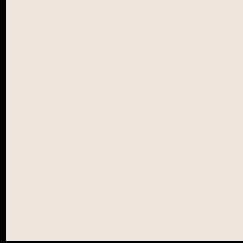
Large Text (above 18pt) WCAG AA × Fail

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 76.1292, 79.3171, 80.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

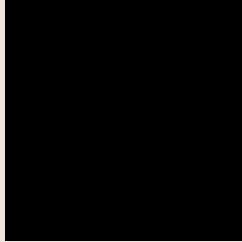
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

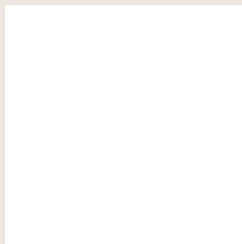
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1292, 79.3171, 80.4045

Background



This preview shows how black text looks on a background with the XYZ color 76.1292, 79.3171, 80.4045.

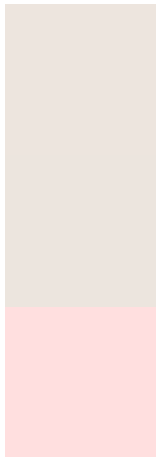


This preview shows how white text looks on a background with the XYZ color 76.1292, 79.3171,

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

76.1292, 79.3171, 80.4045

Protanopia

75.7962, 79.1454, 80.3889

Deuteranopia

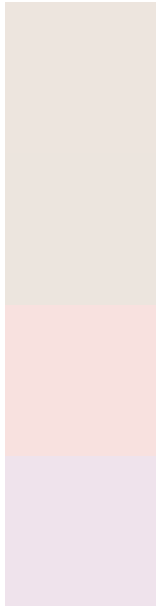
80.9470, 79.3631, 80.8643



Tritanopia

79.4607, 79.4496, 96.7352

Trichromacy



Original Color

76.1292, 79.3171, 80.4045

Protanomaly

75.7962, 79.1454, 80.3889

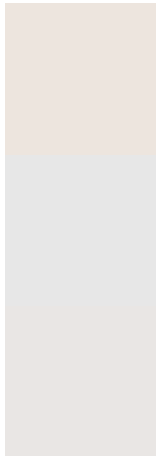
Deuteranomaly

78.9559, 79.1346, 80.9251

Tritanomaly

78.2060, 79.3450, 90.5501

Monochromacy



Original Color

76.1292, 79.3171, 80.4045

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9047, 79.5187, 84.7468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1292, 79.3171, 80.4045 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(237, 229, 222) looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 222)  
}
```

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(237, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 222) }
```

Border

The CSS property to change the border of an element to XYZ 76.1292, 79.3171, 80.4045 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(237, 229, 222) }
```


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

```
.border{ border-color:rgb(237, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1292, 79.3171, 80.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 222) }
```

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

```
.background{ background-color: rgb(237,  
229, 222) }
```

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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