

Converting Colors

XYZ(72.9604, 76.0224, 80.6415)

Have a look what the booklet for
XYZ(72.9604, 76.0224, 80.6415)
contains.

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Color

**XYZ(72.8776, 76.0011,
80.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1DF
RGB	230, 225, 223
RGB Percent	90%, 88%, 87%
CMY	0.0980, 0.1176, 0.1255
CMYK	0.00, 0.02, 0.03, 0.10
HSL	17°, 12%, 89%
HSV	17°, 3%, 90%
XYZ	72.8776, 76.0011, 80.6407
YIQ	226.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

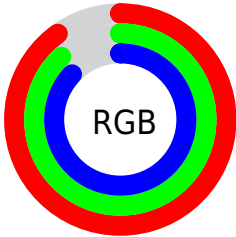
Format	Color
R_{YB}	230, 226, 223
Decimal	15131103
CIE Lab	89.86, 1.35, 1.57
CIE LCh	90, 2.064, 49.331
Yxy	76.0011, 0.3175, 0.3311
Android (android.graphics.Color)	4293321183 (0xFFE6E1DF)
YUV	226.2670, -1.6106, 3.2738
Hunter-Lab	87.1786, -3.3442, 6.1814

Details

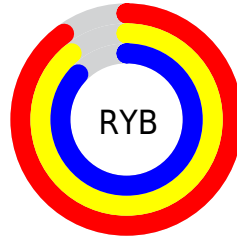
The XYZ color **72.8776, 76.0011, 80.6407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4578, 76.8869, 85.8856**, and the grayscale version is **72.4931, 76.2684, 83.0563**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1218, 40.6906, 42.8379** is the 20% darker color. If you saturate the color by 10%, you get **65.7590, 66.3932, 63.9938**, and if you desaturate by 10%, it is **80.8485, 86.6375, 99.6517**.

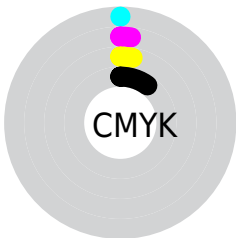
Distribution



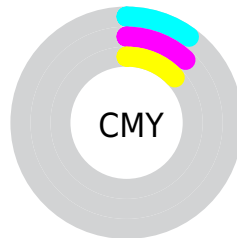
- Red (90%)
- Green (88%)
- Blue (87%)



- Red (90%)
- Yellow (89%)
- Blue (87%)



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



- Cyan (10%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.8776, 76.0011, 80.6407 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 72.8776, 76.0011, 80.6407 by changing the saturation by 10% instead.

■ 72.8776, 76.0011,
80.6407

■ 72.8776, 76.0011,
80.6407

459.7008,
481.3515, 516.8530

■ 54.1639, 56.4334,
59.7165

122.3075,
127.7285, 136.0857

■ 38.9639, 40.5505,
42.7663

153.7544,
160.6569, 171.4435

■ 26.9122, 27.9680,
29.3718

190.1765,
198.8078, 212.4496

■ 17.6436, 18.3016,
19.1143

231.9390,
242.5654, 259.5225

■ 10.7925, 11.1667,
11.5752

279.4073,
292.3142, 313.0807

■ 5.9938, 6.1791,
6.3361

332.9468,

■ 2.8819, 2.9543,

348.4385, 373.5429

2.9784

392.9229,
411.3228, 441.3275

■ 1.0916, 1.1079,
1.0836

■ 0.0181, 0.0000,
0.0000

■ 72.8776, 76.0011,
80.6407

■ 72.8776, 76.0011,
80.6407

■ 65.7590, 66.3932,
63.9938

■ 80.8485, 86.6375,
99.6517

■ 59.4573, 57.7732,
49.6133

■ 86.4435, 95.5632,
108.4972

■ 53.9443, 50.1122,
37.4018

■ 49.1874, 43.3760,
27.2531

■ 45.1518, 37.5287,
19.0516

■ 41.7996, 32.5317,
12.6707

■ 39.0892, 28.3433,
7.9681

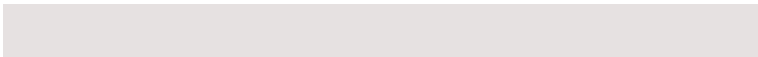
■ 36.9740, 24.9181,
4.7804

■ 35.3994, 22.2052,
2.9105

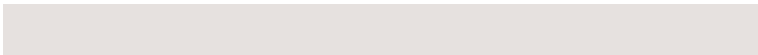
Harmonies

Analogous

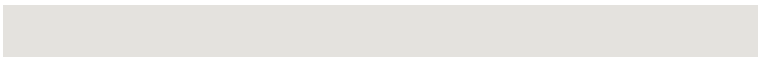
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1659, 76.0011, 81.8262



72.8776, 76.0011, 80.6407



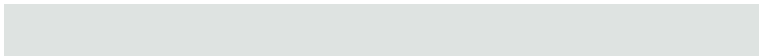
72.4184, 76.0011, 80.0234

Triad

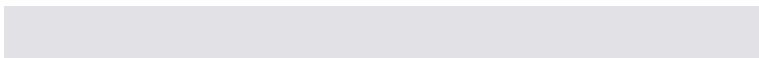
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8776, 76.0011, 80.6407



71.2775, 76.0011, 82.2335



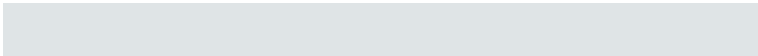
72.5618, 76.0011, 85.4303

Complementary

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



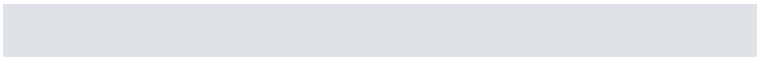
72.8776, 76.0011, 80.6407



72.4578, 76.8869, 85.8856

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.



72.0554, 76.0011, 85.5425



72.8776, 76.0011, 80.6407



71.3155, 76.0011, 83.6853

Square

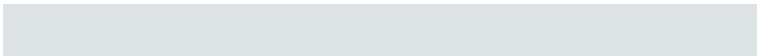
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



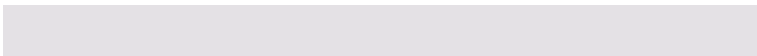
72.8776, 76.0011, 80.6407



71.4957, 76.0011, 80.9358



71.5997, 76.0011, 84.9004



72.9830, 76.0011, 84.5957

Rectangle

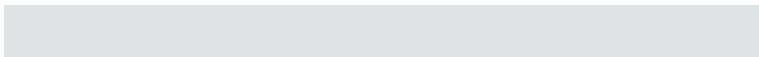
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



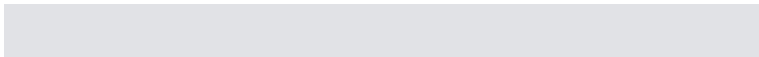
72.8776, 76.0011, 80.6407



72.0779, 76.0011, 80.0123



71.5997, 76.0011, 84.9004



72.3959, 76.0011, 85.5541

Sweetspot

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



72.8797, 76.0044, 80.6423



94.0642, 98.6811, 106.5594



73.0278, 75.2019, 84.0784



20.1440, 21.1357, 22.8328



0.0000, 0.0000, 0.0000



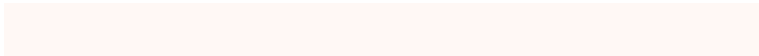
20.3446, 21.4041, 23.3091

Same Dimension

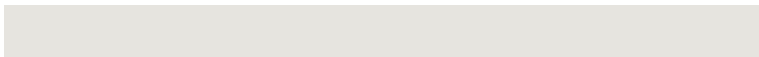
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8797, 76.0044, 80.6423



91.1723, 94.8031, 99.7197



73.8300, 77.9049, 80.9591



15.4453, 16.0260, 16.7508



19.6632, 11.9006, 1.2607



1.5305, 1.0343, 0.1190

Inverse Universe

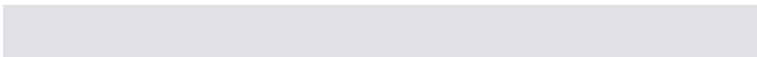
The Inverse Universe completely reimagines the original color for something new.



72.4578, 76.8869, 85.8856



90.4720, 96.2676, 108.4209



71.5102, 74.9918, 85.5697



15.3055, 16.3183, 18.4874



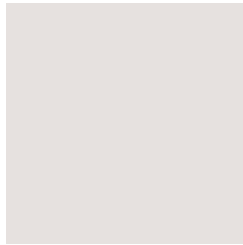
15.7274, 18.5169, 45.1284



1.2406, 1.5251, 3.3610

Previews

White Background



This preview shows how the XYZ color 72.8776, 76.0011, 80.6407 looks on a white background.

Color Contrast Check

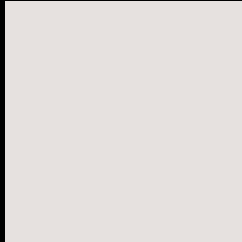
Large Text (above 18pt) WCAG AA × Fail

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 72.8776, 76.0011, 80.6407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

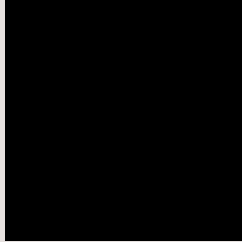
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

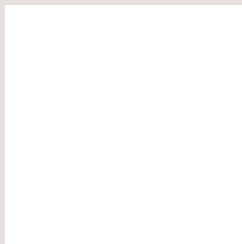
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8776, 76.0011, 80.6407

Background



This preview shows how black text looks on a background with the XYZ color 72.8776, 76.0011, 80.6407.

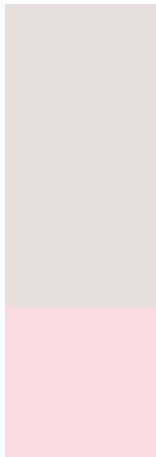


This preview shows how white text looks on a background with the XYZ color 72.8776, 76.0011, 80.6407.

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

72.8776, 76.0011, 80.6407

Protanopia

72.8776, 76.0011, 80.6407

Deuteranopia

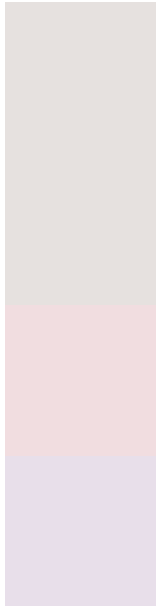
77.4975, 76.0013, 81.1062



Tritanopia

75.4537, 75.8575, 93.1032

Trichromacy



Original Color

72.8776, 76.0011, 80.6407

Protanomaly

72.8776, 76.0011, 80.6407

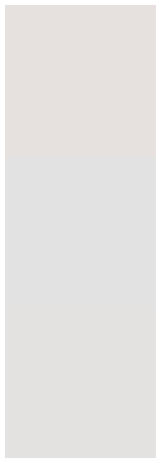
Deuteranomaly

75.5866, 75.7955, 81.1672

Tritanomaly

74.5177, 75.8717, 88.5591

Monochromacy



Original Color

72.8776, 76.0011, 80.6407

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 72.8776, 76.0011, 80.6407 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.8776, 76.0011, 80.6407 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, 223) }
```


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

```
.border{ border-color:rgb(230, 225, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8776, 76.0011, 80.6407 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, 223) }
```

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

```
.background{ background-color: rgb(230,  
225, 223) }
```

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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