

Converting Colors

XYZ(73.6088, 76.3315, 82.8065)

Have a look what the booklet for
XYZ(73.6088, 76.3315, 82.8065)
contains.

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Color

**XYZ(73.6077, 76.3303,
82.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1E2
RGB	231, 225, 226
RGB Percent	91%, 88%, 89%
CMY	0.0941, 0.1176, 0.1137
CMYK	0.00, 0.03, 0.02, 0.09
HSL	350°, 11%, 89%
HSV	350°, 3%, 91%
XYZ	73.6077, 76.3303, 82.8052
YIQ	226.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

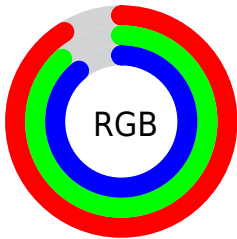
Format	Color
R _{YB}	231, 225, 226
Decimal	15196642
CIE Lab	90.01, 2.21, 0.22
CIE LCh	90, 2.222, 5.792
Yxy	76.3303, 0.3163, 0.3280
Android (android.graphics.Color)	4293386722 (0xFFE7E1E2)
YUV	226.9080, -0.4476, 3.5887
Hunter-Lab	87.3672, -2.5047, 4.9630

Details

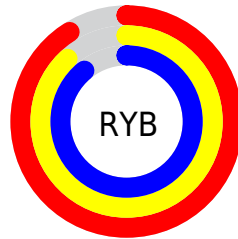
The XYZ color **73.6077, 76.3303, 82.8052** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9130, 78.8746, 86.1955**, and the grayscale version is **72.9501, 76.7492, 83.5799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4046, 40.8037, 44.3271** is the 20% darker color. If you saturate the color by 10%, you get **65.2844, 63.6780, 67.7148**, and if you desaturate by 10%, it is **83.0771, 90.7976, 99.7446**.

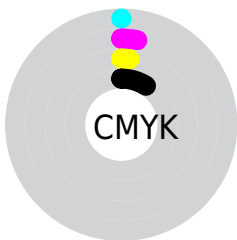
Distribution



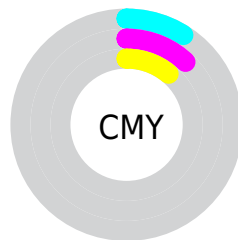
- Red (91%)
- Green (88%)
- Blue (89%)



- Red (91%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6077, 76.3303, 82.8052 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 73.6077, 76.3303, 82.8052 by changing the saturation by 10% instead.

73.6077, 76.3303,
82.8052

73.6077, 76.3303,
82.8052

462.1896,
482.4776, 524.2911

54.7632, 56.7034,
61.4898

123.3380,
128.1937, 139.1494

39.4452, 40.7672,
44.1874

154.9545,
161.1990, 175.0152

27.2885, 28.1372,
30.4796

191.5590,
199.4325, 216.5683

17.9277, 18.4291,
19.9478

233.5170,
243.2787, 264.2272

10.9975, 11.2585,
12.1734

281.1936,
293.1219, 318.4103

6.1324, 6.2410,
6.7379

334.9544,

2.9672, 2.9922,

349.3465, 379.5363

3.2228

395.1645,
412.3370, 448.0237

■ 1.1364, 1.1276,
1.2095

■ 0.0553, 0.0014,
0.0000

■ 73.6077, 76.3303,
82.8052

■ 73.6077, 76.3303,
82.8052

■ 65.2844, 63.6780,
67.7148

■ 83.0771, 90.7976,
99.7446

■ 58.0574, 52.7596,
54.4056

■ 86.7655, 95.7292,
108.5123

■ 51.8824, 43.5024,
42.8131

■ 46.7100, 35.8246,
32.8668

■ 42.4866, 29.6378,
24.4916

■ 39.1535, 24.8447,
17.6062

■ 36.6454, 21.3362,
12.1219

■ 34.8877, 18.9872,
7.9405

■ 33.7919, 17.6471,
4.9502

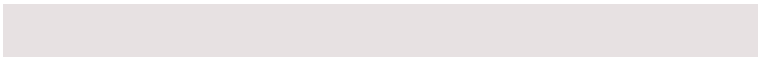
Harmonies

Analogous

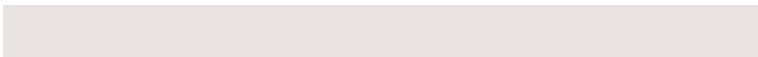
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5192, 76.3303, 84.3598



73.6077, 76.3303, 82.8052



73.4115, 76.3303, 81.3506

Triad

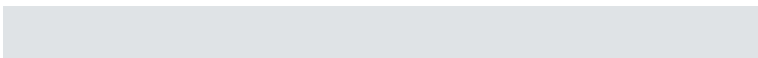
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6077, 76.3303, 82.8052



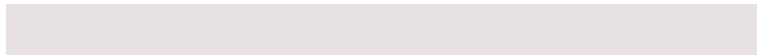
71.9324, 76.3303, 80.6763



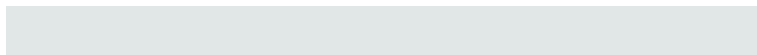
72.1166, 76.3303, 85.9060

Complementary

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



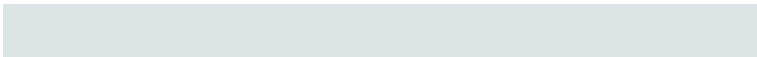
73.6077, 76.3303, 82.8052



73.9130, 78.8746, 86.1955

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.



71.6946, 76.3303, 84.8960



73.6077, 76.3303, 82.8052



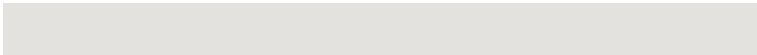
71.5887, 76.3303, 81.8741

Square

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



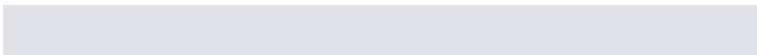
73.6077, 76.3303, 82.8052



72.4429, 76.3303, 80.1315



71.5018, 76.3303, 83.4170



72.6565, 76.3303, 86.1629

Rectangle

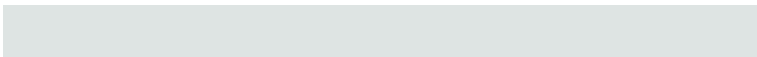
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



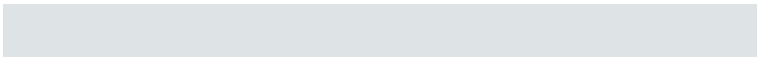
73.6077, 76.3303, 82.8052



73.1463, 76.3303, 80.6292



71.5018, 76.3303, 83.4170



71.9563, 76.3303, 85.6427

Sweetspot

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



73.6099, 76.3336, 82.8069



93.9014, 98.2476, 106.8376



73.9845, 76.4463, 86.4587



20.1109, 21.0475, 22.8894



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

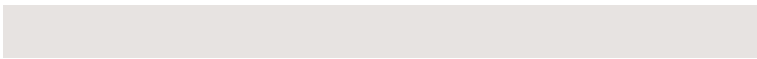
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6099, 76.3336, 82.8069



91.6477, 94.8117, 102.7830



74.0171, 77.3661, 82.2701



15.4956, 15.9603, 17.2805



18.7050, 9.6162, 2.0757



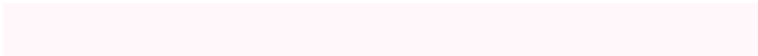
1.4117, 0.7224, 0.3083

Inverse Universe

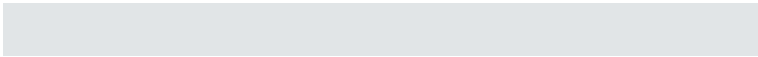
The Inverse Universe completely reimagines the original color for something new.



73.6099, 76.3336, 82.8069



91.6477, 94.8117, 102.7830



73.4971, 77.8182, 86.7492



15.4956, 15.9603, 17.2805



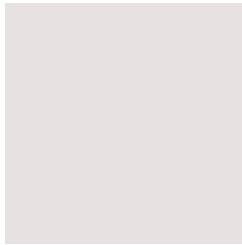
18.7050, 9.6162, 2.0757



1.4117, 0.7224, 0.3083

Previews

White Background



This preview shows how the XYZ color 73.6077, 76.3303, 82.8052 looks on a white background.

Color Contrast Check

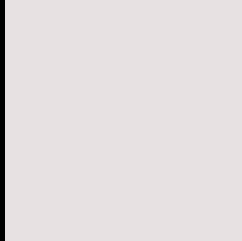
Large Text (above 18pt) WCAG AA × Fail

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 73.6077, 76.3303, 82.8052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

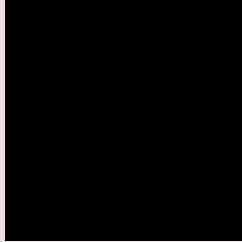
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

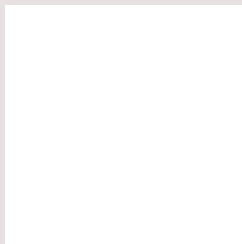
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6077, 76.3303, 82.8052

Background



This preview shows how black text looks on a background with the XYZ color 73.6077, 76.3303, 82.8052.

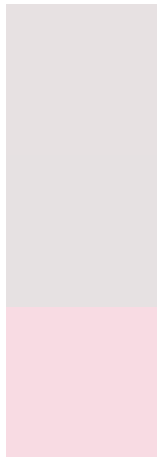


This preview shows how white text looks on a background with the XYZ color 73.6077, 76.3303,

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

73.6077, 76.3303, 82.8052

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

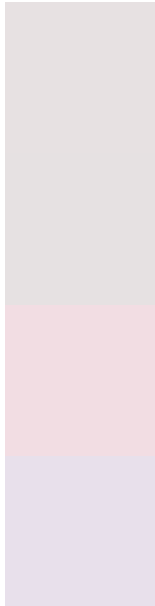
77.9080, 76.1655, 83.2683



Tritanopia

75.7201, 76.3903, 93.1920

Trichromacy



Original Color

73.6077, 76.3303, 82.8052

Protanomaly

73.2858, 76.1644, 82.7901

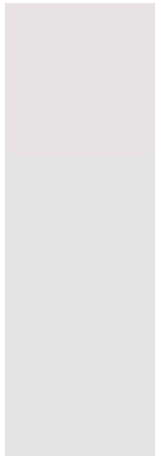
Deuteranomaly

76.3395, 76.1362, 83.3453

Tritanomaly

74.9298, 76.4653, 89.4073

Monochromacy



Original Color

73.6077, 76.3303, 82.8052

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0564, 76.4327, 83.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6077, 76.3303, 82.8052 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(231, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 226)  
}
```

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(231, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.6077, 76.3303, 82.8052 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(231, 225, 226) }
```


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

```
.border{ border-color:rgb(231, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6077, 76.3303, 82.8052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 226) }
```

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

```
.background{ background-color: rgb(231,  
225, 226) }
```

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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