

Converting Colors

XYZ(73.1829, 77.2573, 81.2045)

Have a look what the booklet for
XYZ(73.1829, 77.2573, 81.2045)
contains.

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Color

**XYZ(73.0576, 77.3085,
80.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E4DF
RGB	228, 228, 223
RGB Percent	89%, 89%, 87%
CMY	0.1059, 0.1059, 0.1255
CMYK	0.00, 0.00, 0.02, 0.11
HSL	60°, 8%, 88%
HSV	60°, 2%, 89%
XYZ	73.0576, 77.3085, 80.8835
YIQ	227.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

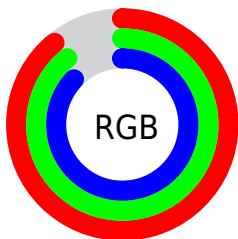
Format	Color
R_{YB}	223, 228, 223
Decimal	15000799
CIE Lab	90.46, -0.88, 2.43
CIE LCh	90, 2.580, 109.940
Yxy	77.3085, 0.3159, 0.3343
Android (android.graphics.Color)	4293190879 (0xFFE4E4DF)
YUV	227.4300, -2.1840, 0.4999
Hunter-Lab	87.9253, -5.5525, 7.0061

Details

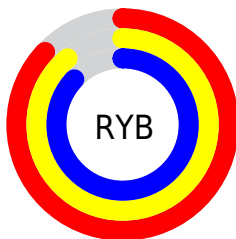
The XYZ color **73.0576, 77.3085, 80.8835** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8256, 74.0668, 83.9662**, and the grayscale version is **73.3432, 77.1627, 84.0302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2450, 41.5985, 43.0067** is the 20% darker color. If you saturate the color by 10%, you get **70.1833, 76.1606, 65.7683**, and if you desaturate by 10%, it is **76.3503, 78.6287, 98.1824**.

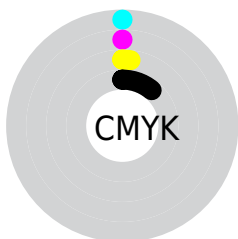
Distribution



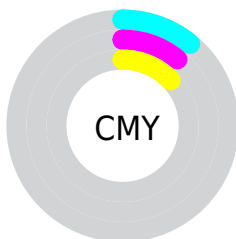
- Red (89%)
- Green (89%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0576, 77.3085, 80.8835 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 73.0576, 77.3085, 80.8835 by changing the saturation by 10% instead.

■ 73.0576, 77.3085,
80.8835

■ 73.0576, 77.3085,
80.8835

460.3151,
485.8152, 517.6904

■ 54.3116, 57.5061,
59.9152

122.5617,
129.5749, 136.4298

■ 39.0825, 41.4117,
42.9255

154.0505,
162.8076, 171.8448

■ 27.0049, 28.6409,
29.4957

190.5176,
201.2860, 212.9126

■ 17.7135, 18.8094,
19.2073

232.3283,
245.3943, 260.0516

■ 10.8430, 11.5326,
11.6418

279.8481,
295.5170, 313.6803

■ 6.0278, 6.4263,
6.3807

333.4423,

■ 2.9028, 3.1060,

352.0384, 374.2173

3.0054

393.4761,
415.3431, 442.0812

■ 1.1026, 1.1873,
1.0974

■ 0.0273, 0.0513,
0.0000

■ 73.0576, 77.3085,
80.8835

■ 73.0576, 77.3085,
80.8835

■ 70.1833, 76.1606,
65.7683

■ 76.3503, 78.6287,
98.1824

■ 67.7043, 75.1683,
52.7451

■ 77.8020, 79.2101,
105.7962

■ 65.6055, 74.3281,
41.7235

■ 77.8079, 79.2131,
105.7965

■ 63.8680, 73.6324,
32.6042

■ 77.8137, 79.2161,
105.7968

62.4712, 73.0730,
25.2796

77.8196, 79.2192,
105.7970

61.3928, 72.6410,
19.6314

77.8255, 79.2222,
105.7973

60.6076, 72.3262,
15.5271

77.8313, 79.2252,
105.7976

60.0866, 72.1172,
12.8143

77.8372, 79.2282,
105.7979

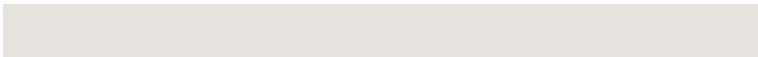
59.7950, 71.9998,
11.3094

77.8431, 79.2313,
105.7981

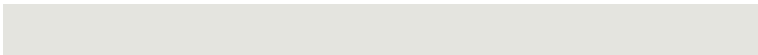
Harmonies

Analogous

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



73.6961, 77.3085, 80.7295



73.0576, 77.3085, 80.8835



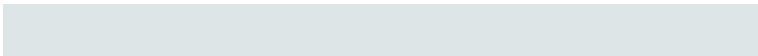
72.5350, 77.3085, 81.9124

Triad

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



73.0576, 77.3085, 80.8835



72.6848, 77.3085, 86.9214



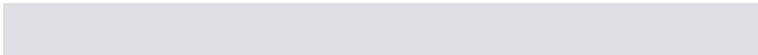
74.7063, 77.3085, 84.7972

Complementary

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



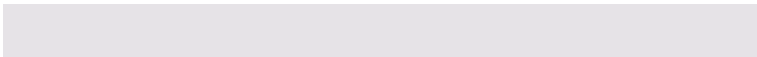
73.0576, 77.3085, 80.8835



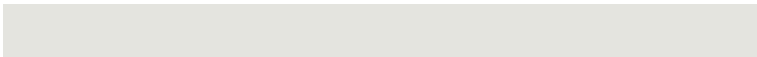
70.8256, 74.0668, 83.9662

Split Complementary

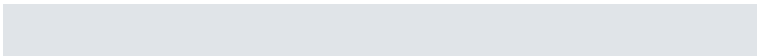
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4319, 77.3085, 86.4806



73.0576, 77.3085, 80.8835



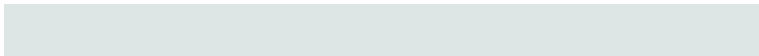
73.2632, 77.3085, 87.7188

Square

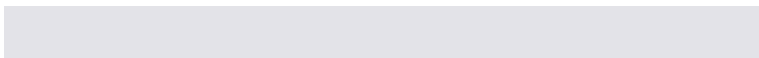
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



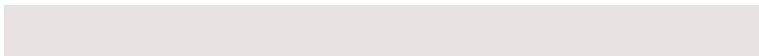
73.0576, 77.3085, 80.8835



72.3207, 77.3085, 85.3920



73.9028, 77.3085, 87.5563



74.6505, 77.3085, 82.9713

Rectangle

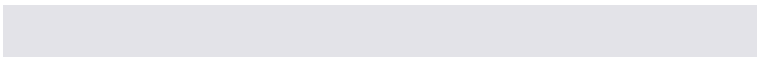
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0576, 77.3085, 80.8835



72.3215, 77.3085, 82.9644



73.9028, 77.3085, 87.5563



74.6496, 77.3085, 85.3990

Sweetspot

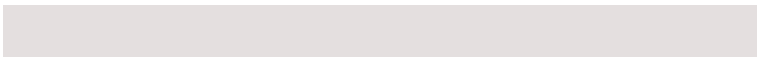
The Sweet Spot groups the original color and five complimentary colors.



73.0598, 77.3118, 80.8852



94.6413, 99.8364, 106.7520



71.7042, 74.5989, 80.4330



20.2614, 21.3708, 22.8720



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

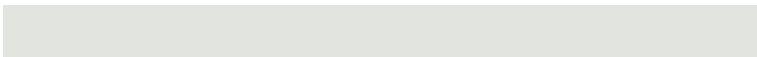
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0598, 77.3118, 80.8852



93.8403, 99.5159, 102.5417



72.2730, 76.9062, 80.8484



15.9624, 16.9615, 17.2301



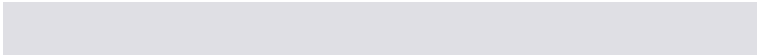
34.4618, 41.5472, 6.2031



2.5470, 3.0704, 0.4584

Inverse Universe

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



70.8256, 74.0668, 83.9662



89.9014, 93.7948, 107.9736



71.6010, 74.4666, 84.0025



15.1241, 15.7440, 18.3861



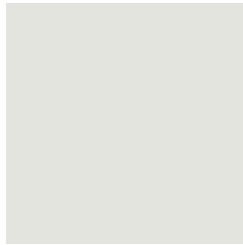
8.0880, 3.2354, 42.5814



0.5981, 0.2393, 3.1466

Previews

White Background



This preview shows how the XYZ color 73.0576, 77.3085, 80.8835 looks on a white background.

Color Contrast Check

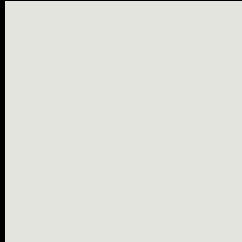
Large Text (above 18pt) WCAG AA × Fail

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 73.0576, 77.3085, 80.8835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

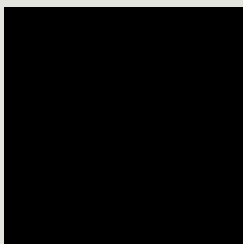
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

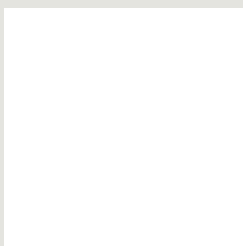
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0576, 77.3085, 80.8835

Background



This preview shows how black text looks on a background with the XYZ color 73.0576, 77.3085, 80.8835.

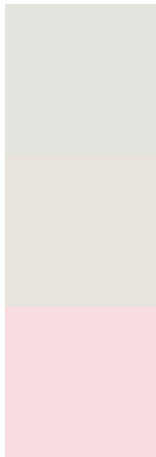


This preview shows how white text looks on a background with the XYZ color 73.0576, 77.3085,

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

73.0576, 77.3085, 80.8835

Protanopia

74.2582, 77.5357, 80.1593

Deuteranopia

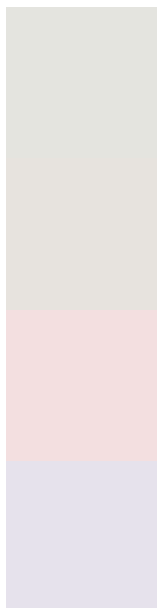
78.9675, 77.1319, 81.9601



Tritanopia

76.0579, 77.3104, 95.7077

Trichromacy



Original Color

73.0576, 77.3085, 80.8835

Protanomaly

73.6089, 77.2010, 80.1289

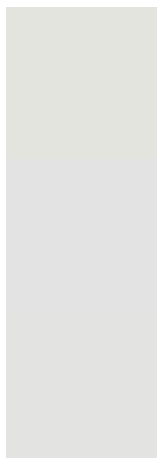
Deuteranomaly

76.8044, 77.2119, 81.3764

Tritanomaly

74.9698, 77.2718, 90.3205

Monochromacy



Original Color

73.0576, 77.3085, 80.8835

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8751, 76.7601, 82.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0576, 77.3085, 80.8835 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(228, 228, 223) looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 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(228, 228, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.0576, 77.3085, 80.8835 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(228, 228, 223) }
```


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

```
.border{ border-color:rgb(228, 228, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 228, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 228, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 228, 223); box-shadow:4px 4px 4px 4px rgb(228, 228, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0576, 77.3085, 80.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 223) }
```

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

```
.background{ background-color: rgb(228,  
228, 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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