

Converting Colors

XYZ(73.3464, 76.3034, 85.9987)

Have a look what the booklet for
XYZ(73.3464, 76.3034, 85.9987)
contains.

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Color

**XYZ(73.2030, 76.0576,
85.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E1E6
RGB	228, 225, 230
RGB Percent	89%, 88%, 90%
CMY	0.1059, 0.1176, 0.0980
CMYK	0.01, 0.02, 0.00, 0.10
HSL	276°, 9%, 89%
HSV	276°, 2%, 90%
XYZ	73.2030, 76.0576, 85.6853
YIQ	226.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

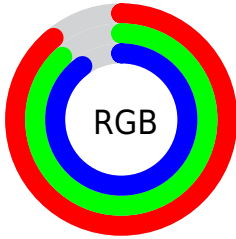
Format	Color
R _Y B	228, 225, 230
Decimal	15000038
CIE Lab	89.89, 1.91, -2.09
CIE LCh	90, 2.830, 312.512
Yxy	76.0576, 0.3116, 0.3237
Android (android.graphics.Color)	4293190118 (0xFFE4E1E6)
YUV	226.4670, 1.7418, 1.3444
Hunter-Lab	87.2110, -2.7903, 2.7950

Details

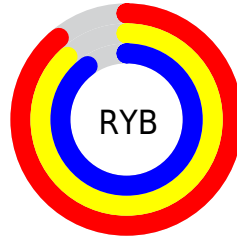
The XYZ color **73.2030, 76.0576, 85.6853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5690, 78.3629, 82.4862**, and the grayscale version is **72.6163, 76.3980, 83.1974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3462, 40.7288, 46.3451** is the 20% darker color. If you saturate the color by 10%, you get **64.5560, 62.9848, 83.6189**, and if you desaturate by 10%, it is **82.8475, 90.8922, 88.0415**.

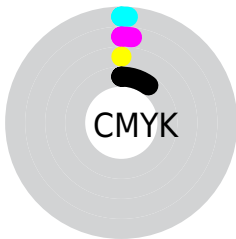
Distribution



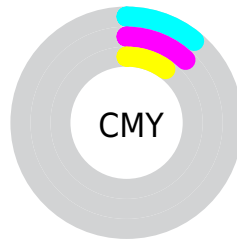
- Red (89%)
- Green (88%)
- Blue (90%)



- Red (89%)
- Yellow (88%)
- Blue (90%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (11%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2030, 76.0576, 85.6853 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 73.2030, 76.0576, 85.6853 by changing the saturation by 10% instead.

73.2030, 76.0576,
85.6853

73.2030, 76.0576,
85.6853

460.8110,
481.5449, 534.0966

54.4309, 56.4797,
63.8544

122.7669,
127.8083, 143.2129

39.1783, 40.5877,
46.0873

154.2895,
160.7500, 179.7467

27.0798, 27.9971,
31.9656

190.7930,
198.9150, 222.0184

17.7701, 18.3234,
21.0706

232.6427,
242.6878, 270.4468

10.8837, 11.1824,
12.9839

280.2040,
292.4528, 325.4502

6.0554, 6.1897,
7.2868

333.8422,

2.9198, 2.9608,

348.5944, 387.4473

3.5610

393.9228,
411.4970, 456.8566

■ 1.1115, 1.1113,
1.3877

■ 0.0347, 0.0000,
0.1321

■ 73.2030, 76.0576,
85.6853

■ 73.2030, 76.0576,
85.6853

■ 64.5560, 62.9848,
83.6189

■ 82.8475, 90.8922,
88.0415

■ 56.8643, 51.5962,
81.8261

■ 88.1962, 96.9019,
88.9196

■ 50.0922, 41.8230,
80.2966

■ 91.2831, 98.4933,
89.0640

■ 44.1991, 33.5876,
79.0176

■ 39.1410, 26.8061,
77.9752

■ 34.8699, 21.3861,
77.1541

■ 31.3320, 17.2243,
76.5373

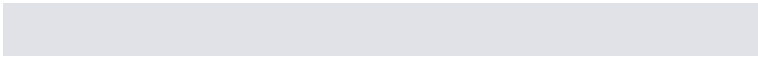
■ 28.4659, 14.2021,
76.1050

■ 26.1983, 12.1769,
75.8337

Harmonies

Analogous

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



72.5822, 76.0576, 86.6308



73.2030, 76.0576, 85.6853



73.5807, 76.0576, 83.9765

Triad

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



73.2030, 76.0576, 85.6853



72.6953, 76.0576, 79.1945



70.9856, 76.0576, 83.6510

Complementary

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



73.2030, 76.0576, 85.6853



73.5690, 78.3629, 82.4862

Split Complementary

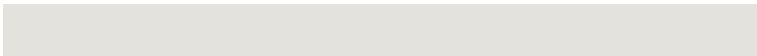
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0154, 76.0576, 81.6618



73.2030, 76.0576, 85.6853



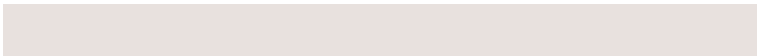
71.9995, 76.0576, 79.1106

Square

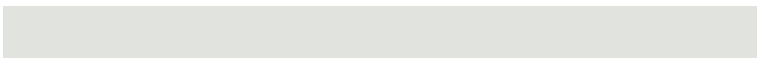
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2030, 76.0576, 85.6853



73.2863, 76.0576, 80.2385



71.3855, 76.0576, 80.0072



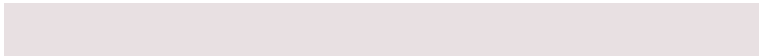
71.3037, 76.0576, 85.4437

Rectangle

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



73.2030, 76.0576, 85.6853



73.6423, 76.0576, 82.6451



71.3855, 76.0576, 80.0072



70.9553, 76.0576, 82.9827

Sweetspot

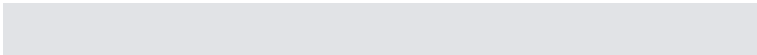
The Sweet Spot groups the original color and five complimentary colors.



73.2052, 76.0609, 85.6870



93.8673, 98.1907, 108.6131



72.8292, 76.7076, 85.8316



20.1039, 21.0359, 23.2507



0.0000, 0.0000, 0.0000



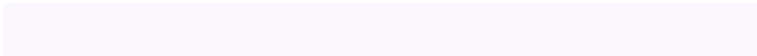
20.3446, 21.4041, 23.3091

Same Dimension

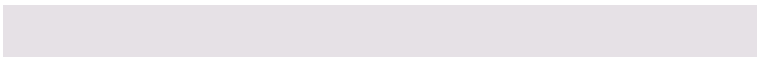
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2052, 76.0609, 85.6870



91.5400, 94.6395, 108.0503



73.7851, 76.3666, 85.4092



15.4721, 15.9234, 18.4024



14.1536, 6.3623, 42.8652



1.1501, 0.5239, 3.1725

Inverse Universe

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



73.4263, 76.2230, 83.5198



91.9280, 94.9239, 104.2593



72.9986, 78.0622, 82.7564



15.5551, 15.9841, 17.5940



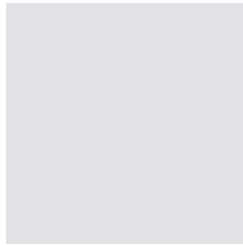
19.6274, 9.9852, 6.9330



1.4953, 0.7558, 0.7486

Previews

White Background



This preview shows how the XYZ color 73.2030, 76.0576, 85.6853 looks on a white background.

Color Contrast Check

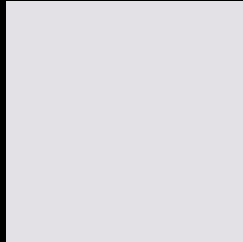
Large Text (above 18pt) WCAG AA × Fail

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 73.2030, 76.0576, 85.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

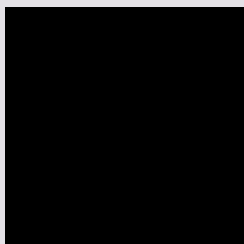
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

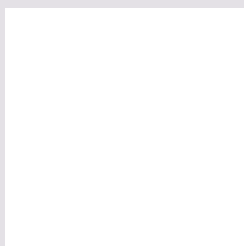
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2030, 76.0576, 85.6853

Background



This preview shows how black text looks on a background with the XYZ color 73.2030, 76.0576, 85.6853.



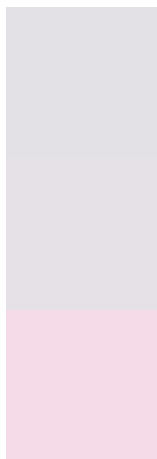
This preview shows how white text looks on a background with the XYZ color 73.2030, 76.0576,

85.6853.

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

73.2030, 76.0576, 85.6853

Protanopia

73.5212, 76.2216, 85.7002

Deuteranopia

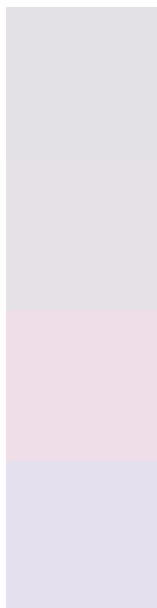
77.4115, 75.8450, 86.1608



Tritanopia

74.8980, 75.9492, 93.9312

Trichromacy



Original Color

73.2030, 76.0576, 85.6853

Protanomaly

73.5212, 76.2216, 85.7002

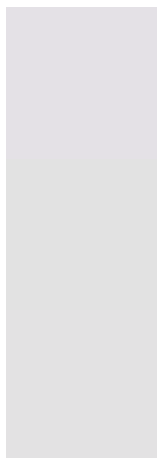
Deuteranomaly

75.8769, 75.8331, 86.2394

Tritanomaly

74.2548, 76.0837, 90.8927

Monochromacy



Original Color

73.2030, 76.0576, 85.6853

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7400, 76.2697, 83.5608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2030, 76.0576, 85.6853 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, 225, 230) looks like.

```
.text, #text, p{  
    color:rgb(228, 225, 230)  
}
```

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, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 225, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.2030, 76.0576, 85.6853 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, 225, 230) }
```


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

```
.border{ border-color:rgb(228, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 225,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2030, 76.0576, 85.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 225, 230) }
```

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

```
.background{ background-color: rgb(228,  
225, 230) }
```

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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