

Converting Colors

XYZ(73.6626, 77.1932, 85.5126)

Have a look what the booklet for
XYZ(73.6626, 77.1932, 85.5126)
contains.

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Color

**XYZ(73.7469, 77.1453,
85.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E6
RGB	228, 227, 230
RGB Percent	89%, 89%, 90%
CMY	0.1059, 0.1098, 0.0980
CMYK	0.01, 0.01, 0.00, 0.10
HSL	260°, 6%, 90%
HSV	260°, 1%, 90%
XYZ	73.7469, 77.1453, 85.8666
YIQ	227.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

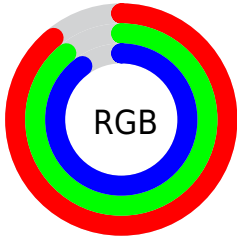
Format	Color
R _Y B	228, 227, 230
Decimal	15000550
CIE Lab	90.39, 0.88, -1.35
CIE LCh	90, 1.611, 303.075
Yxy	77.1453, 0.3115, 0.3258
Android (android.graphics.Color)	4293190630 (0xFFE4E3E6)
YUV	227.6410, 1.1630, 0.3148
Hunter-Lab	87.8324, -3.8324, 3.5197

Details

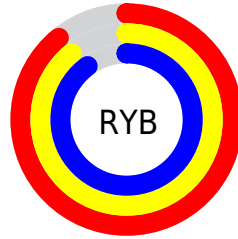
The XYZ color **73.7469, 77.1453, 85.8666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4780, 78.7998, 83.9614**, and the grayscale version is **73.4744, 77.3008, 84.1806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7240, 41.4844, 46.4711** is the 20% darker color. If you saturate the color by 10%, you get **63.2157, 62.9950, 83.6915**, and if you desaturate by 10%, it is **85.5554, 93.2059, 88.3454**.

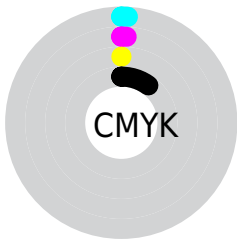
Distribution



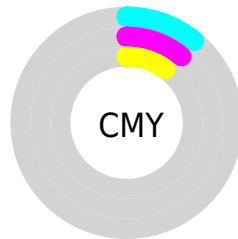
- Red (89%)
- Green (89%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7469, 77.1453, 85.8666 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 73.7469, 77.1453, 85.8666 by changing the saturation by 10% instead.

■ 73.7469, 77.1453,
85.8666

■ 73.7469, 77.1453,
85.8666

462.6632,
485.2593, 534.7104

■ 54.8775, 57.3721,
64.0034

123.5344,
129.3446, 143.4682

■ 39.5371, 41.3041,
46.2072

155.1831,
162.5395, 180.0437

■ 27.3604, 28.5568,
32.0595

191.8224,
200.9770, 222.3604

■ 17.9821, 18.7458,
21.1418

233.8174,
245.0417, 270.8368

■ 11.0367, 11.4867,
13.0354

281.5337,
295.1179, 325.8915

■ 6.1590, 6.3952,
7.3219

335.3365,

■ 2.9836, 3.0869,

351.5900, 387.9429

3.5828

395.5912,
414.8423, 457.4097

■ 1.1451, 1.1772,
1.3994

■ 0.0623, 0.0430,
0.1412

■ 73.7469, 77.1453,
85.8666

■ 73.7469, 77.1453,
85.8666

■ 63.2157, 62.9950,
83.6915

■ 85.5554, 93.2059,
88.3454

■ 53.9110, 50.6731,
81.8036

■ 91.2832, 98.4933,
89.0641

■ 45.7881, 40.1064,
80.1921

■ 38.7968, 31.2130,
78.8440

■ 32.8835, 23.9042,
77.7449

■ 27.9895, 18.0828,
76.8792

■ 24.0503, 13.6409,
76.2295

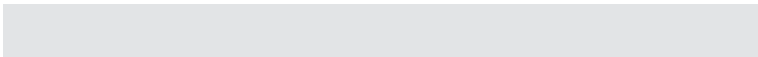
■ 20.9929, 10.4549,
75.7757

■ 18.7320, 8.3782,
75.4940

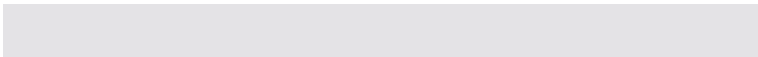
Harmonies

Analogous

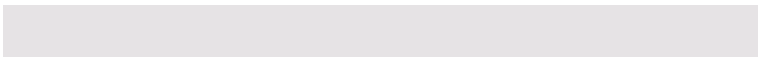
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3658, 77.1453, 86.2279



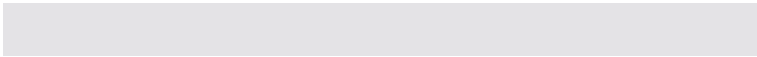
73.7469, 77.1453, 85.8666



74.0156, 77.1453, 85.0044

Triad

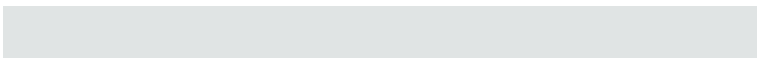
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7469, 77.1453, 85.8666



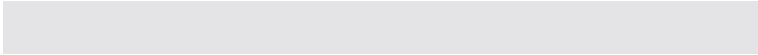
73.6748, 77.1453, 82.0400



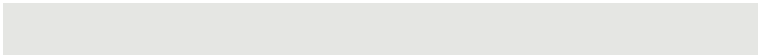
72.5552, 77.1453, 84.1169

Complementary

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



73.7469, 77.1453, 85.8666



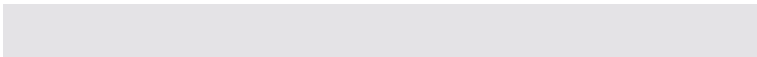
74.4780, 78.7998, 83.9614

Split Complementary

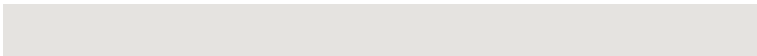
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6373, 77.1453, 82.9998



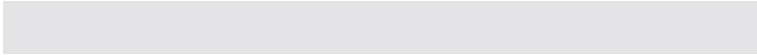
73.7469, 77.1453, 85.8666



73.2828, 77.1453, 81.8071

Square

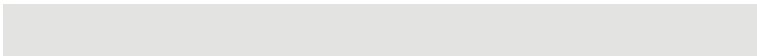
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



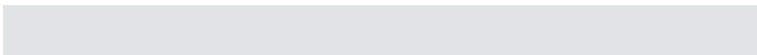
73.7469, 77.1453, 85.8666



73.9738, 77.1453, 82.7959



72.9033, 77.1453, 82.1569



72.6786, 77.1453, 85.2119

Rectangle

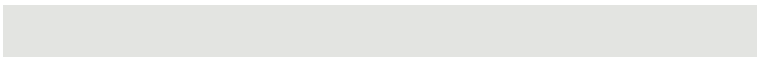
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



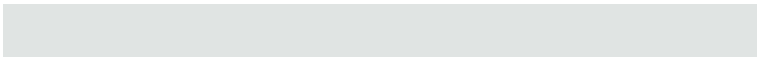
73.7469, 77.1453, 85.8666



74.0942, 77.1453, 84.2653



72.9033, 77.1453, 82.1569



72.5597, 77.1453, 83.7315

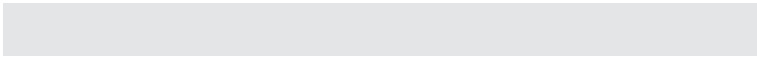
Sweetspot

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



73.7491, 77.1486, 85.8683

95.0500, 100.0000, 108.9000



73.9973, 78.1129, 86.0413



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



73.7491, 77.1486, 85.8683



92.2031, 96.1491, 108.3067



74.2113, 77.3869, 85.8899



15.7628, 16.4462, 18.4880



9.9101, 4.1748, 42.6667



0.8279, 0.3578, 3.1574

Inverse Universe

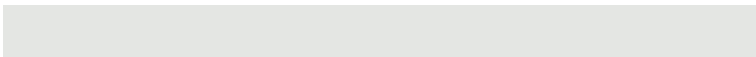
The Inverse Universe completely reimagines the original color for something new.



74.2478, 77.4218, 85.1634



93.1727, 96.6804, 106.9335



74.0170, 78.5621, 83.9398



15.9184, 16.5315, 18.2676



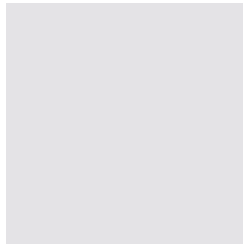
21.8143, 10.8600, 18.4491



1.6546, 0.8196, 1.5878

Previews

White Background



This preview shows how the XYZ color 73.7469, 77.1453, 85.8666 looks on a white background.

Color Contrast Check

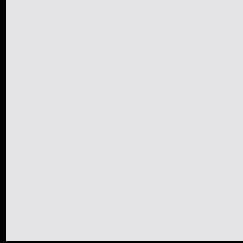
Large Text (above 18pt) WCAG AA × Fail

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 73.7469, 77.1453, 85.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

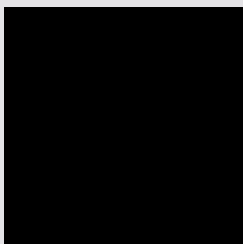
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

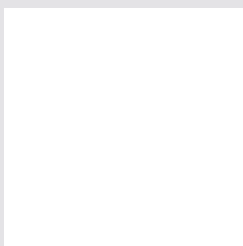
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7469, 77.1453, 85.8666

Background



This preview shows how black text looks on a background with the XYZ color 73.7469, 77.1453, 85.8666.



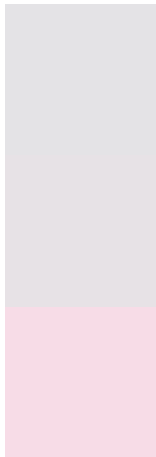
This preview shows how white text looks on a background with the XYZ color 73.7469, 77.1453,

85.8666.

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

73.7469, 77.1453, 85.8666

Protanopia

74.4343, 77.0948, 85.8206

Deuteranopia

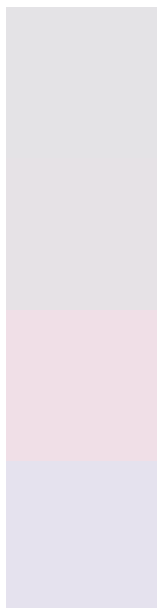
78.3748, 76.7301, 86.2809



Tritanopia

75.7360, 77.1445, 95.6927

Trichromacy



Original Color

73.7469, 77.1453, 85.8666

Protanomaly

74.1124, 76.9289, 85.8055

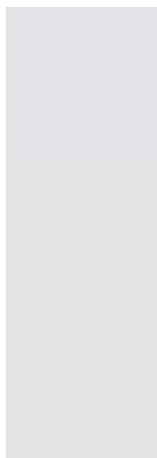
Deuteranomaly

76.7467, 77.0701, 86.4323

Tritanomaly

74.9421, 77.2238, 91.8447

Monochromacy



Original Color

73.7469, 77.1453, 85.8666

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8812, 77.6379, 85.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7469, 77.1453, 85.8666 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, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 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, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.7469, 77.1453, 85.8666 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, 227, 230) }
```

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

```
.border{ border-color:rgb(228, 227, 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, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
230) }
```


Background

The CSS property to change the background color of an element to XYZ 73.7469, 77.1453, 85.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 230) }
```

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

```
.background{ background-color: rgb(228,  
227, 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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