

Converting Colors

XYZ(73.6475, 77.2966, 84.8435)

Have a look what the booklet for
XYZ(73.6475, 77.2966, 84.8435)
contains.

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Color

**XYZ(73.6069, 77.0893,
85.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E5
RGB	228, 227, 229
RGB Percent	89%, 89%, 90%
CMY	0.1059, 0.1098, 0.1020
CMYK	0.00, 0.01, 0.00, 0.10
HSL	270°, 4%, 89%
HSV	270°, 1%, 90%
XYZ	73.6069, 77.0893, 85.1290
YIQ	227.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

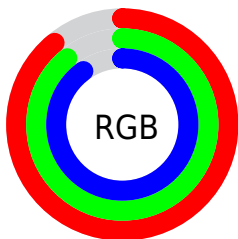
Format	Color
R _Y B	228, 227, 229
Decimal	15000549
CIE Lab	90.36, 0.70, -0.86
CIE LCh	90, 1.112, 308.992
Yxy	77.0893, 0.3121, 0.3269
Android (android.graphics.Color)	4293190629 (0xFFE4E3E5)
YUV	227.5270, 0.7262, 0.4148
Hunter-Lab	87.8005, -4.0068, 3.9744

Details

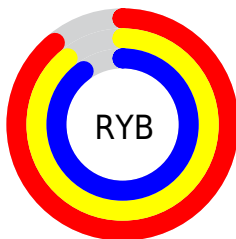
The XYZ color **73.6069, 77.0893, 85.1290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8822, 78.0807, 83.8540**, and the grayscale version is **73.3942, 77.2164, 84.0887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6261, 41.4453, 45.9556** is the 20% darker color. If you saturate the color by 10%, you get **64.2370, 63.5729, 83.0151**, and if you desaturate by 10%, it is **84.0557, 92.4028, 87.5353**.

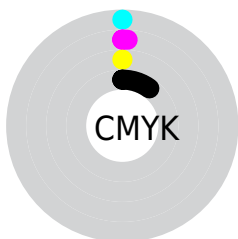
Distribution



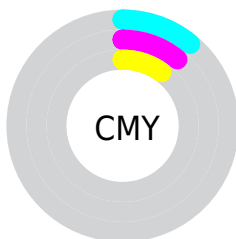
- Red (89%)
- Green (89%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6069, 77.0893, 85.1290 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 73.6069, 77.0893, 85.1290 by changing the saturation by 10% instead.

■ 73.6069, 77.0893,
85.1290

■ 73.6069, 77.0893,
85.1290

462.1868,
485.0684, 532.2105

■ 54.7625, 57.3262,
63.3972

123.3369,
129.2655, 142.4292

■ 39.4447, 41.2672,
45.7196

154.9532,
162.4474, 178.8346

■ 27.2881, 28.5279,
31.6775

191.5575,
200.8710, 220.9684

■ 17.9274, 18.7240,
20.8525

233.5152,
244.9207, 269.2490

■ 10.9973, 11.4710,
12.8261

281.1917,
294.9809, 324.0949

■ 6.1323, 6.3846,
7.1796

334.9522,

■ 2.9671, 3.0803,

351.4360, 385.9248

3.4945

395.1621,
414.6704, 455.1572

■ 1.1364, 1.1738,
1.3523

■ 0.0552, 0.0402,
0.1041

■ 73.6069, 77.0893,
85.1290

■ 73.6069, 77.0893,
85.1290

■ 64.2370, 63.5729,
83.0151

■ 84.0557, 92.4028,
87.5353

■ 55.9021, 51.7761,
81.1774

■ 89.6664, 97.6760,
88.2574

■ 48.5648, 41.6301,
79.6057

■ 91.1431, 98.4372,
88.3265

■ 42.1830, 33.0578,
78.2874

■ 36.7110, 25.9756,
77.2089

■ 32.0991, 20.2920,
76.3549

■ 28.2923, 15.9050,
75.7087

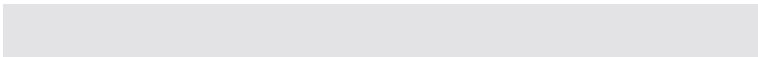
■ 25.2280, 12.6980,
75.2512

■ 22.8325, 10.5323,
74.9595

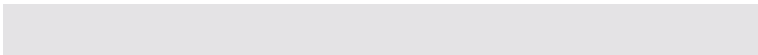
Harmonies

Analogous

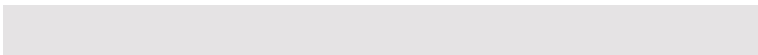
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3544, 77.0893, 85.4537



73.6069, 77.0893, 85.1290



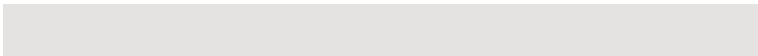
73.7697, 77.0893, 84.4855

Triad

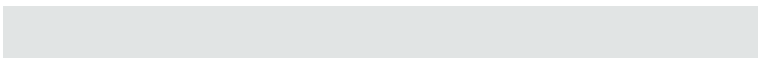
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6069, 77.0893, 85.1290



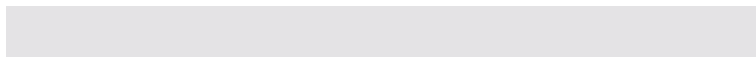
73.4623, 77.0893, 82.5204



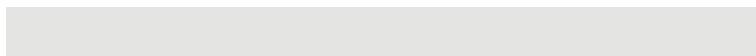
72.7460, 77.0893, 84.1759

Complementary

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



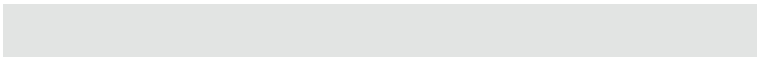
73.6069, 77.0893, 85.1290



73.8822, 78.0807, 83.8540

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.



72.7747, 77.0893, 83.3912



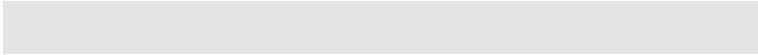
73.6069, 77.0893, 85.1290



73.1878, 77.0893, 82.4387

Square

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



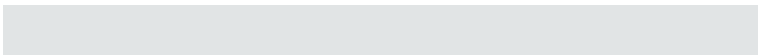
73.6069, 77.0893, 85.1290



73.6861, 77.0893, 82.9805



72.9363, 77.0893, 82.7565



72.8576, 77.0893, 84.9011

Rectangle

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



73.6069, 77.0893, 85.1290



73.8052, 77.0893, 83.9640



72.9363, 77.0893, 82.7565



72.7395, 77.0893, 83.9103

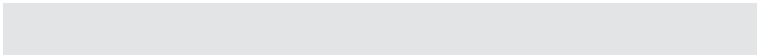
Sweetspot

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



73.6091, 77.0926, 85.1307

95.0500, 100.0000, 108.9000



73.5769, 77.4960, 85.2103



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.



73.6091, 77.0926, 85.1307



93.7735, 98.1423, 108.6087



73.9166, 77.2512, 85.1451



16.0150, 16.7664, 18.5365



12.2145, 5.3627, 42.7745



1.0097, 0.4515, 3.1659

Inverse Universe

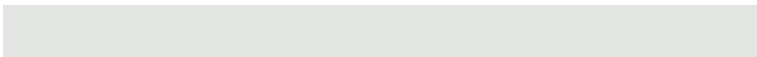
The Inverse Universe completely reimagines the original color for something new.



73.7885, 77.2011, 84.4149



94.0376, 98.3021, 107.5550



73.5764, 77.9231, 83.8397



16.0573, 16.7920, 18.3674



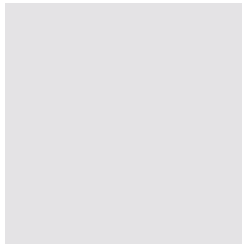
20.2956, 10.2524, 10.4514



1.5467, 0.7764, 1.0192

Previews

White Background



This preview shows how the XYZ color 73.6069, 77.0893, 85.1290 looks on a white background.

Color Contrast Check

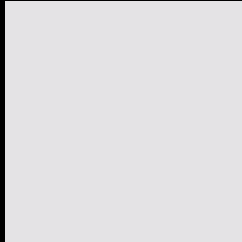
Large Text (above 18pt) WCAG AA × Fail

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 73.6069, 77.0893, 85.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

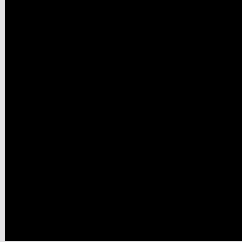
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

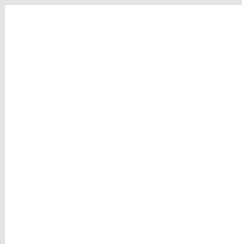
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6069, 77.0893, 85.1290

Background



This preview shows how black text looks on a background with the XYZ color 73.6069, 77.0893, 85.1290.



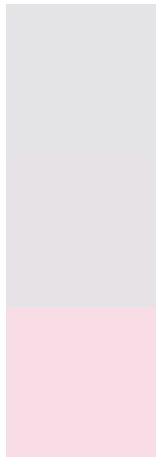
This preview shows how white text looks on a background with the XYZ color 73.6069, 77.0893,

85.1290.

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

73.6069, 77.0893, 85.1290

Protanopia

74.2942, 77.0388, 85.0830

Deuteranopia

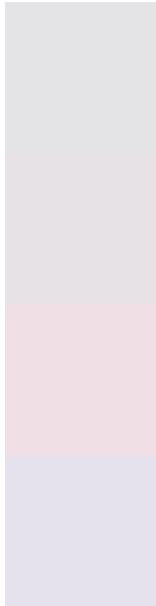
78.5875, 76.8560, 85.5556



Tritanopia

75.7360, 77.1445, 95.6927

Trichromacy



Original Color

73.6069, 77.0893, 85.1290

Protanomaly

73.9723, 76.8728, 85.0679

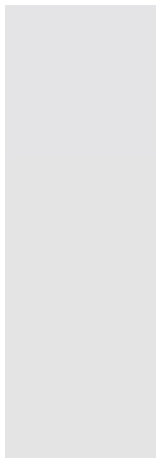
Deuteranomaly

76.9462, 77.1893, 85.7064

Tritanomaly

74.9421, 77.2238, 91.8447

Monochromacy



Original Color

73.6069, 77.0893, 85.1290

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7419, 77.5822, 84.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6069, 77.0893, 85.1290 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, 229) looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.6069, 77.0893, 85.1290 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, 229) }
```

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

```
.border{ border-color:rgb(228, 227, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
229) }
```


Background

The CSS property to change the background color of an element to XYZ 73.6069, 77.0893, 85.1290 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, 229) }
```

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

```
.background{ background-color: rgb(228,  
227, 229) }
```

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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