

Converting Colors

XYZ(73.5174, 76.6967, 87.8049)

Have a look what the booklet for
XYZ(73.5174, 76.6967, 87.8049)
contains.

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Color

**XYZ(73.5829, 76.6068,
87.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2E9
RGB	227, 226, 233
RGB Percent	89%, 89%, 91%
CMY	0.1098, 0.1137, 0.0863
CMYK	0.03, 0.03, 0.00, 0.09
HSL	249°, 14%, 90%
HSV	249°, 3%, 91%
XYZ	73.5829, 76.6068, 87.9992
YIQ	227.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

Format	Color
R_{YB}	227, 226, 233
Decimal	14934761
CIE Lab	90.14, 1.61, -3.30
CIE LCh	90, 3.667, 296.011
Yxy	76.6068, 0.3089, 0.3216
Android (android.graphics.Color)	4293124841 (0xFFE3E2E9)
YUV	227.0970, 2.9102, -0.0851
Hunter-Lab	87.5253, -3.1036, 1.6567

Details

The XYZ color **73.5829, 76.6068, 87.9992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1480, 80.9267, 83.5624**, and the grayscale version is **73.0665, 76.8716, 83.7132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5120, 41.0708, 47.4399** is the 20% darker color. If you saturate the color by 10%, you get **61.7322, 61.7242, 85.7523**, and if you desaturate by 10%, it is **87.0305, 93.5949, 90.5706**.

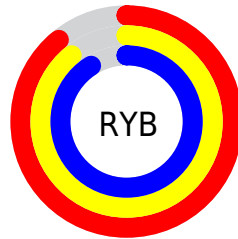
Distribution



Red (89%)

Green (89%)

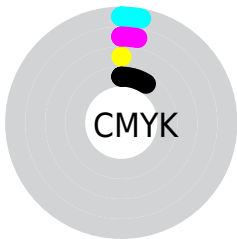
Blue (91%)



Red (89%)

Yellow (89%)

Blue (91%)

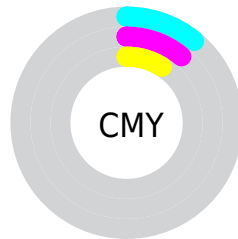


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5829, 76.6068, 87.9992 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 73.5829, 76.6068, 87.9992 by changing the saturation by 10% instead.

■ 73.5829, 76.6068,
87.9992

■ 73.5829, 76.6068,
87.9992

462.1051,
483.4224, 541.9019

■ 54.7428, 56.9302,
65.7581

123.3030,
128.5843, 146.4672

■ 39.4289, 40.9492,
47.6208

154.9138,
161.6540, 183.5311

■ 27.2757, 28.2794,
33.1688

191.5121,
199.9568, 226.3730

■ 17.9181, 18.5364,
21.9836

233.4634,
243.8773, 275.4115

■ 10.9905, 11.3358,
13.6467

281.1330,
293.7996, 331.0651

■ 6.1277, 6.2932,
7.7394

334.8862,

■ 2.9643, 3.0241,

350.1083, 393.7523

3.8433

395.0885,
413.1878, 463.8917

■ 1.1349, 1.1444,
1.5398

■ 0.0540, 0.0155,
0.2473

■ 73.5829, 76.6068,
87.9992

■ 73.5829, 76.6068,
87.9992

■ 61.7322, 61.7242,
85.7523

■ 87.0305, 93.5949,
90.5706

■ 51.4123, 48.8556,
83.8124

■ 91.7082, 98.6633,
91.3024

■ 42.5623, 37.9169,
82.1674

■ 35.1147, 28.8147,
80.8030

■ 28.9968, 21.4475,
79.7035

■ 24.1288, 15.7041,
78.8515

■ 20.4227, 11.4600,
78.2276

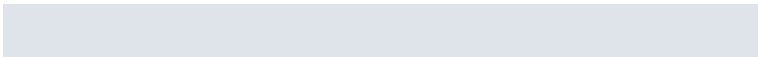
■ 17.7784, 8.5727,
77.8097

■ 16.0778, 6.8711,
77.5709

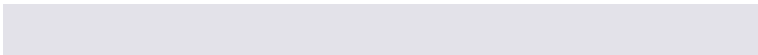
Harmonies

Analogous

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



72.6908, 76.6068, 88.5139



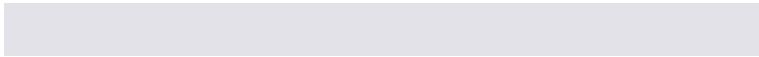
73.5829, 76.6068, 87.9992



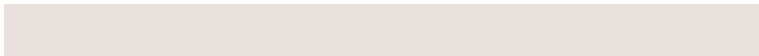
74.2737, 76.6068, 86.2461

Triad

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



73.5829, 76.6068, 87.9992



73.7955, 76.6068, 79.3234



71.0800, 76.6068, 83.0635

Complementary

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



73.5829, 76.6068, 87.9992



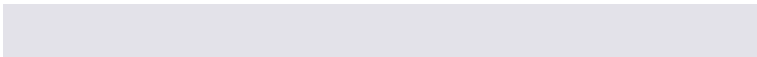
76.1480, 80.9267, 83.5624

Split Complementary

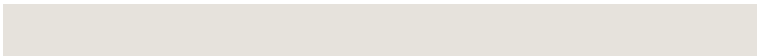
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3706, 76.6068, 80.6403



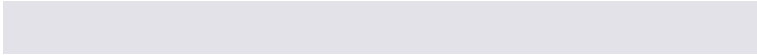
73.5829, 76.6068, 87.9992



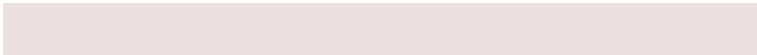
72.9343, 76.6068, 78.5096

Square

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



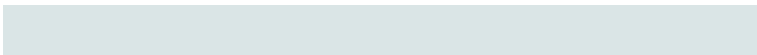
73.5829, 76.6068, 87.9992



74.3971, 76.6068, 81.2323



72.0474, 76.6068, 78.9866



71.2505, 76.6068, 85.6299

Rectangle

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



73.5829, 76.6068, 87.9992



74.5244, 76.6068, 84.6296



72.0474, 76.6068, 78.9866



71.1269, 76.6068, 82.2057

Sweetspot

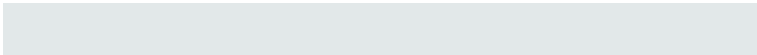
The Sweet Spot groups the original color and five complimentary colors.



73.5851, 76.6101, 88.0009



93.4419, 97.9714, 108.5932



74.9499, 79.8049, 88.5456



20.0174, 20.9913, 23.2466



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.



73.5851, 76.6101, 88.0009



88.7366, 92.0424, 107.6968



74.6794, 77.1742, 88.0521



15.6771, 16.2180, 19.2264



8.7661, 3.5550, 43.9671



0.7508, 0.3113, 3.4554

Inverse Universe

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



75.3689, 77.5460, 87.3434



91.6489, 93.5707, 106.6170



75.0438, 80.3575, 83.5107



16.2880, 16.5386, 18.9989



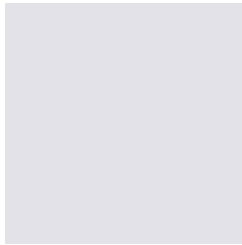
25.0067, 12.2054, 32.1664



1.9889, 0.9685, 2.6591

Previews

White Background



This preview shows how the XYZ color 73.5829, 76.6068, 87.9992 looks on a white background.

Color Contrast Check

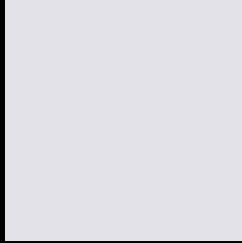
Large Text (above 18pt) WCAG AA × Fail

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 73.5829, 76.6068, 87.9992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

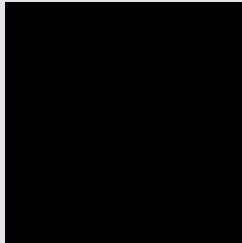
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

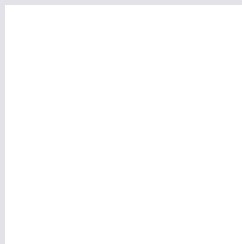
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5829, 76.6068, 87.9992

Background



This preview shows how black text looks on a background with the XYZ color 73.5829, 76.6068, 87.9992.



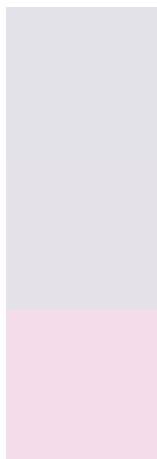
This preview shows how white text looks on a background with the XYZ color 73.5829, 76.6068,

87.9992.

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

73.5829, 76.6068, 87.9992

Protanopia

73.9463, 76.3916, 87.9385

Deuteranopia

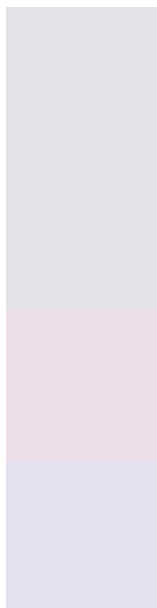
78.1007, 76.5394, 88.4991



Tritanopia

74.9471, 76.7552, 94.8695

Trichromacy



Original Color

73.5829, 76.6068, 87.9992

Protanomaly

73.6281, 76.2276, 87.9236

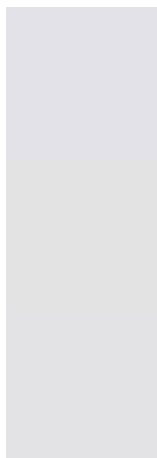
Deuteranomaly

76.2325, 76.3602, 88.5630

Tritanomaly

74.5001, 76.5764, 92.5155

Monochromacy



Original Color

73.5829, 76.6068, 87.9992

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2905, 76.9262, 85.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5829, 76.6068, 87.9992 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(227, 226, 233) looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 233)  
}
```

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(227, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 233) }
```

Border

The CSS property to change the border of an element to XYZ 73.5829, 76.6068, 87.9992 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(227, 226, 233) }
```


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

```
.border{ border-color:rgb(227, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5829, 76.6068, 87.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 233) }
```

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

```
.background{ background-color: rgb(227,  
226, 233) }
```

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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