

Converting Colors

XYZ(73.5637, 77.9968, 84.6070)

Have a look what the booklet for
XYZ(73.5637, 77.9968, 84.6070)
contains.

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Color

**XYZ(73.3869, 77.8088,
84.5495)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E5E4
RGB	226, 229, 228
RGB Percent	89%, 90%, 89%
CMY	0.1137, 0.1019, 0.1059
CMYK	0.01, 0.00, 0.00, 0.10
HSL	160°, 5%, 89%
HSV	160°, 1%, 90%
XYZ	73.3869, 77.8088, 84.5495
YIQ	227.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 228, 229
Decimal	14869988
CIE Lab	90.69, -1.18, 0.12
CIE LCh	91, 1.187, 174.009
Yxy	77.8088, 0.3113, 0.3301
Android (android.graphics.Color)	4293060068 (0xFFE2E5E4)
YUV	227.9890, 0.0054, -1.7444
Hunter-Lab	88.2093, -5.8608, 4.9164

Details

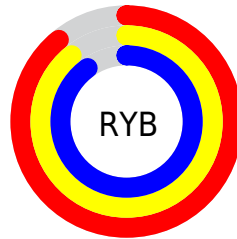
The XYZ color **73.3869, 77.8088, 84.5495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3774, 76.5987, 83.5944**, and the grayscale version is **73.7374, 77.5775, 84.4819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4735, 41.9472, 45.5513** is the 20% darker color. If you saturate the color by 10%, you get **65.6415, 73.9381, 78.7648**, and if you desaturate by 10%, it is **82.1429, 82.1994, 90.6302**.

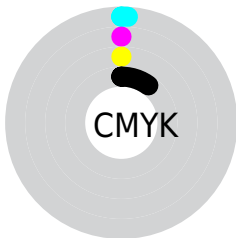
Distribution



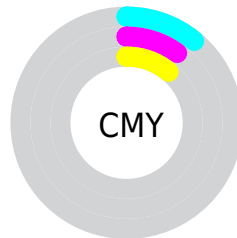
- Red (89%)
- Green (90%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3869, 77.8088, 84.5495 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 73.3869, 77.8088, 84.5495 by changing the saturation by 10% instead.

■ 73.3869, 77.8088,
84.5495

■ 73.3869, 77.8088,
84.5495

461.4377,
487.5172, 530.2419

■ 54.5819, 57.9169,
62.9212

123.0265,
130.2806, 141.6122

■ 39.2996, 41.7419,
45.3369

154.5918,
163.6292, 177.8836

■ 27.1746, 28.8992,
31.3780

191.1412,
202.2323, 219.8732

■ 17.8417, 19.0046,
20.6260

233.0401,
246.4741, 267.9994

■ 10.9354, 11.6736,
12.6623

280.6538,
296.7392, 322.6809

■ 6.0904, 6.5218,
7.0684

334.3478,

■ 2.9413, 3.1649,

353.4118, 384.3361

3.4258

394.4873,
416.8763, 453.3835

■ 1.1228, 1.2184,
1.3160

■ 0.0441, 0.0767,
0.0748

■ 73.3869, 77.8088,
84.5495

■ 73.3869, 77.8088,
84.5495

■ 65.6415, 73.9381,
78.7648

■ 82.1429, 82.1994,
90.6302

■ 58.8617, 70.5577,
73.2661

■ 85.4848, 83.7912,
96.7044

■ 53.0089, 67.6499,
68.0498

■ 86.6668, 84.2640,
102.9292

■ 48.0392, 65.1921,
63.1109

■ 87.3108, 84.5216,
106.3203

■ 43.9052, 63.1599,
58.4435

■ 40.5548, 61.5267,
54.0420

■ 37.9298, 60.2624,
49.9002

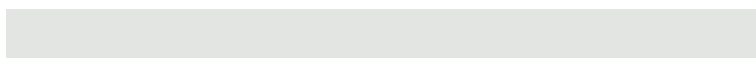
■ 35.9636, 59.3329,
46.0113

■ 34.5766, 58.6970,
42.3679

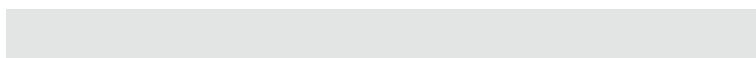
Harmonies

Analogous

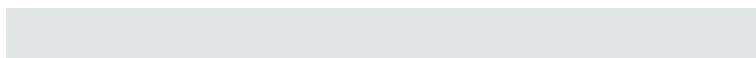
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4926, 77.8088, 83.7605



73.3869, 77.8088, 84.5495



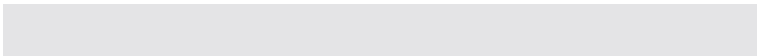
73.4331, 77.8088, 85.3896

Triad

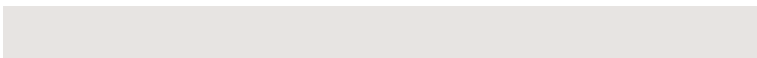
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3869, 77.8088, 84.5495



74.1882, 77.8088, 86.2275



74.2919, 77.8088, 83.4006

Complementary

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



73.3869, 77.8088, 84.5495



73.3774, 76.5987, 83.5944

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.



74.4792, 77.8088, 84.0551



73.3869, 77.8088, 84.5495



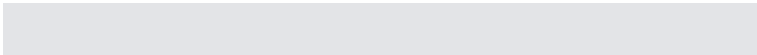
74.4192, 77.8088, 85.6879

Square

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



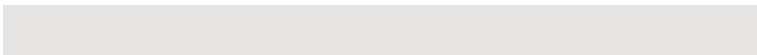
73.3869, 77.8088, 84.5495



73.8952, 77.8088, 86.3620



74.5259, 77.8088, 84.8918



74.0147, 77.8088, 83.1000

Rectangle

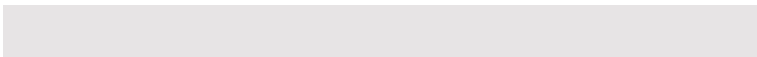
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3869, 77.8088, 84.5495



73.5438, 77.8088, 85.8650



74.5259, 77.8088, 84.8918



74.3675, 77.8088, 83.5863

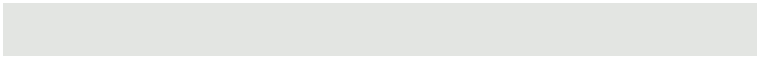
Sweetspot

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



73.3891, 77.8121, 84.5512

95.0500, 100.0000, 108.9000



73.4437, 77.8722, 83.1125



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.



73.3891, 77.8121, 84.5512



92.9253, 98.9362, 107.3747



73.4044, 77.6190, 85.2459



15.8787, 16.8937, 18.3385



19.3411, 33.3685, 22.8282



1.4720, 2.4829, 1.9119

Inverse Universe

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



73.3774, 76.5987, 83.5944



92.9025, 96.5723, 105.5108



73.3619, 76.7888, 82.9077



15.8750, 16.5142, 18.0392



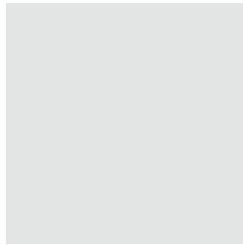
19.2813, 9.8467, 5.1105



1.4667, 0.7444, 0.5984

Previews

White Background



This preview shows how the XYZ color 73.3869, 77.8088, 84.5495 looks on a white background.

Color Contrast Check

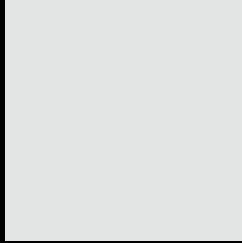
Large Text (above 18pt) WCAG AA × Fail

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 73.3869, 77.8088, 84.5495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

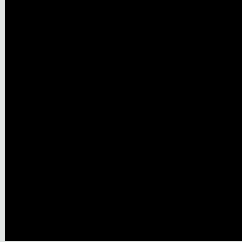
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

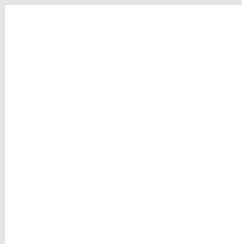
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3869, 77.8088, 84.5495

Background



This preview shows how black text looks on a background with the XYZ color 73.3869, 77.8088, 84.5495.

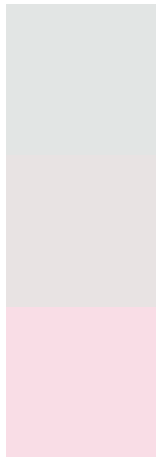


This preview shows how white text looks on a background with the XYZ color 73.3869, 77.8088,

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

73.3869, 77.8088, 84.5495

Protanopia

74.6129, 77.6400, 83.7265

Deuteranopia

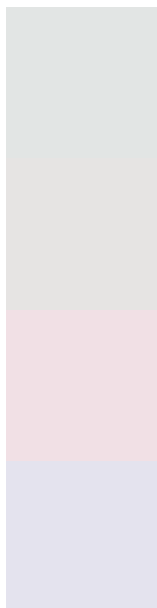
79.2063, 77.5658, 85.6600



Tritanopia

75.8386, 77.5824, 96.5657

Trichromacy



Original Color

73.3869, 77.8088, 84.5495

Protanomaly

74.2417, 77.8559, 83.7878

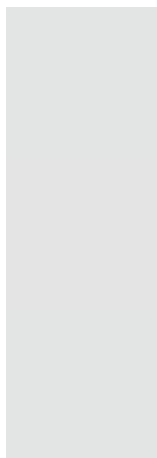
Deuteranomaly

77.0741, 77.6692, 85.0582

Tritanomaly

74.8966, 77.6052, 91.9207

Monochromacy



Original Color

73.3869, 77.8088, 84.5495

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4255, 77.4191, 84.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3869, 77.8088, 84.5495 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(226, 229, 228) looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 228)  
}
```

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(226, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.3869, 77.8088, 84.5495 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(226, 229, 228) }
```

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

```
.border{ border-color:rgb(226, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 73.3869, 77.8088, 84.5495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 228) }
```

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

```
.background{ background-color: rgb(226,  
229, 228) }
```

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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