

Converting Colors

XYZ(74.0523, 77.2618, 83.7340)

Have a look what the booklet for
XYZ(74.0523, 77.2618, 83.7340)
contains.

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Color

**XYZ(73.9673, 77.3072,
83.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3E3
RGB	230, 227, 227
RGB Percent	90%, 89%, 89%
CMY	0.0980, 0.1098, 0.1098
CMYK	0.00, 0.01, 0.01, 0.10
HSL	0°, 6%, 90%
HSV	0°, 1%, 90%
XYZ	73.9673, 77.3072, 83.6963
YIQ	227.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

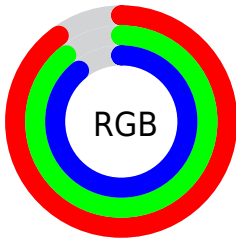
Format	Color
R _Y B	230, 227, 227
Decimal	15131619
CIE Lab	90.46, 1.02, 0.35
CIE LCh	90, 1.074, 18.917
Yxy	77.3072, 0.3148, 0.3290
Android (android.graphics.Color)	4293321699 (0xFFE6E3E3)
YUV	227.8970, -0.4422, 1.8443
Hunter-Lab	87.9245, -3.7031, 5.1084

Details

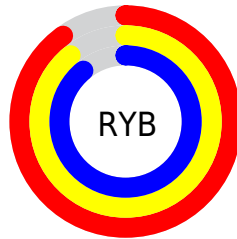
The XYZ color **73.9673, 77.3072, 83.6963** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2582, 78.6366, 86.1284**, and the grayscale version is **73.6716, 77.5082, 84.4065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8781, 41.5976, 44.9571** is the 20% darker color. If you saturate the color by 10%, you get **65.1342, 64.3856, 66.1224**, and if you desaturate by 10%, it is **84.0671, 92.0813, 103.7865**.

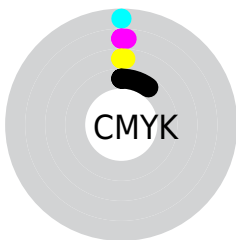
Distribution



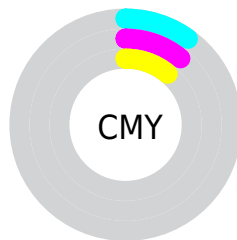
- Red (90%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9673, 77.3072, 83.6963 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 73.9673, 77.3072, 83.6963 by changing the saturation by 10% instead.

■ 73.9673, 77.3072,
83.6963

■ 73.9673, 77.3072,
83.6963

463.4126,
485.8108, 527.3358

■ 55.0585, 57.5050,
62.2208

123.8452,
129.5730, 140.4082

■ 39.6826, 41.4109,
44.7742

155.5450,
162.8055, 176.4817

■ 27.4742, 28.6403,
30.9379

192.2391,
201.2835, 218.2582

■ 18.0681, 18.8089,
20.2935

234.2930,
245.3915, 266.1564

■ 11.0989, 11.5322,
12.4224

282.0719,
295.5138, 320.5947

■ 6.2012, 6.4260,
6.9060

335.9412,

■ 3.0096, 3.1058,

352.0349, 381.9916

3.3258

396.2663,
415.3391, 450.7659

■ 1.1588, 1.1872,
1.2633

■ 0.0735, 0.0512,
0.0314

■ 73.9673, 77.3072,
83.6963

■ 73.9673, 77.3072,
83.6963

■ 65.1342, 64.3856,
66.1224

■ 84.0671, 92.0813,
103.7865

■ 57.5115, 53.2340,
50.9608

■ 86.4436, 95.5632,
108.4972

■ 51.0485, 43.7784,
38.1078

■ 45.6884, 35.9357,
27.4503

■ 41.3697, 29.6160,
18.8655

■ 38.0247, 24.7204,
12.2187

■ 35.5779, 21.1384,
7.3593

■ 33.9425, 18.7434,
4.1144

■ 33.0149, 17.3839,
2.2772

Harmonies

Analogous

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



73.9856, 77.3072, 84.4587



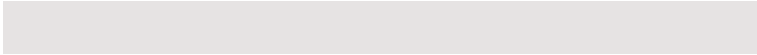
73.9673, 77.3072, 83.6963



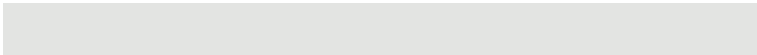
73.8177, 77.3072, 83.0656

Triad

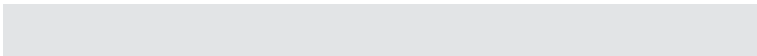
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9673, 77.3072, 83.6963



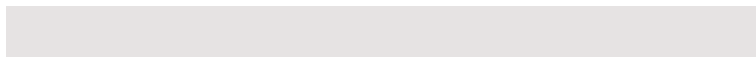
73.0900, 77.3072, 83.2072



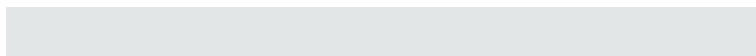
73.3790, 77.3072, 85.6327

Complementary

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



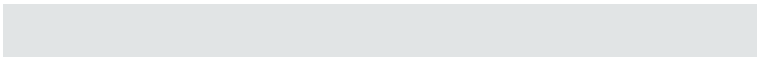
73.9673, 77.3072, 83.6963



74.2582, 78.6366, 86.1284

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.



73.1397, 77.3072, 85.2930



73.9673, 77.3072, 83.6963



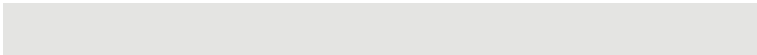
72.9730, 77.3072, 83.8907

Square

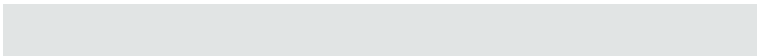
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



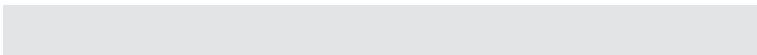
73.9673, 77.3072, 83.6963



73.3110, 77.3072, 82.7844



72.9912, 77.3072, 84.6543



73.6456, 77.3072, 85.5799

Rectangle

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



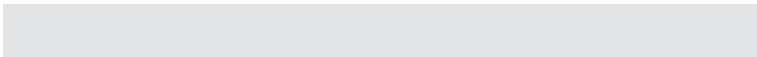
73.9673, 77.3072, 83.6963



73.6639, 77.3072, 82.8033



72.9912, 77.3072, 84.6543



73.2927, 77.3072, 85.5606

Sweetspot

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



73.9695, 77.3105, 83.6980

95.0500, 100.0000, 108.9000



74.3862, 77.4755, 85.8976



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.



73.9695, 77.3105, 83.6980



92.6363, 96.4691, 104.0982



74.3805, 78.1325, 83.8350



15.8323, 16.4976, 17.8123



18.4776, 9.5293, 0.8655



1.3660, 0.7053, 0.0641

Inverse Universe

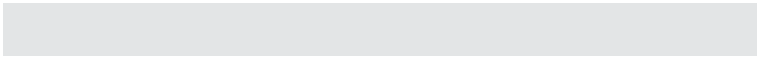
The Inverse Universe completely reimagines the original color for something new.



74.2582, 78.6366, 86.1284



93.1964, 99.0412, 108.8126



73.8437, 77.8075, 85.9903



15.9222, 16.9106, 18.5692



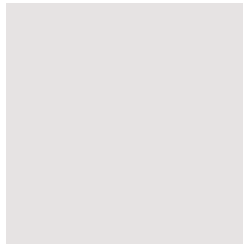
24.0593, 35.1807, 47.9057



1.7784, 2.6008, 3.5402

Previews

White Background



This preview shows how the XYZ color 73.9673, 77.3072, 83.6963 looks on a white background.

Color Contrast Check

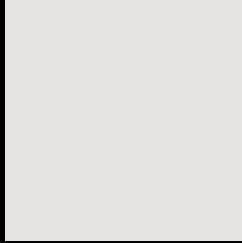
Large Text (above 18pt) WCAG AA × Fail

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 73.9673, 77.3072, 83.6963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

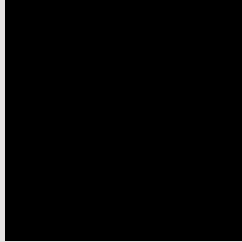
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

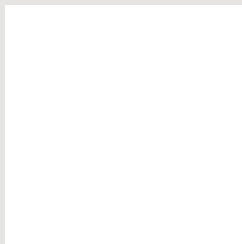
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9673, 77.3072, 83.6963

Background



This preview shows how black text looks on a background with the XYZ color 73.9673, 77.3072, 83.6963.

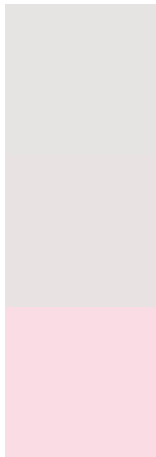


This preview shows how white text looks on a background with the XYZ color 73.9673, 77.3072,

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

73.9673, 77.3072, 83.6963

Protanopia

74.3402, 77.0946, 83.6356

Deuteranopia

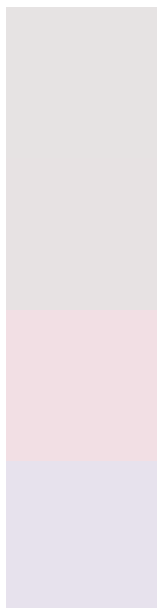
78.6637, 76.9276, 84.1013



Tritanopia

76.2309, 77.4170, 94.9296

Trichromacy



Original Color

73.9673, 77.3072, 83.6963

Protanomaly

74.0165, 76.9277, 83.6205

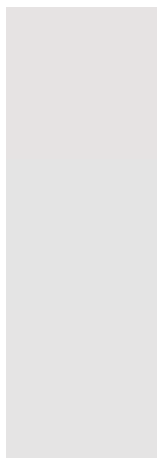
Deuteranomaly

77.0092, 77.2540, 84.2515

Tritanomaly

75.4374, 77.4961, 91.1030

Monochromacy



Original Color

73.9673, 77.3072, 83.6963

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0601, 77.7463, 84.5019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9673, 77.3072, 83.6963 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(230, 227, 227) looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 227)  
}
```

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(230, 227, 227) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 73.9673, 77.3072, 83.6963 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(230, 227, 227) }
```

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

```
.border{ border-color:rgb(230, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 227, 227)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 73.9673, 77.3072, 83.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(230,  
227, 227) }
```

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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