

Converting Colors

XYZ(74.0435, 78.2607, 85.4988)

Have a look what the booklet for
XYZ(74.0435, 78.2607, 85.4988)
contains.

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Color

**XYZ(73.8407, 78.0267,
85.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5E5
RGB	227, 229, 229
RGB Percent	89%, 90%, 90%
CMY	0.1098, 0.1019, 0.1020
CMYK	0.01, 0.00, 0.00, 0.10
HSL	180°, 4%, 89%
HSV	180°, 1%, 90%
XYZ	73.8407, 78.0267, 85.2976
YIQ	228.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

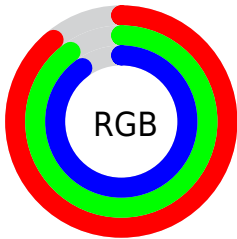
Format	Color
R_{YB}	227, 228, 229
Decimal	14935525
CIE Lab	90.79, -0.67, -0.25
CIE LCh	91, 0.709, 200.213
Yxy	78.0267, 0.3113, 0.3290
Android (android.graphics.Color)	4293125605 (0xFFE3E5E5)
YUV	228.4020, 0.2948, -1.2296
Hunter-Lab	88.3327, -5.3673, 4.5801

Details

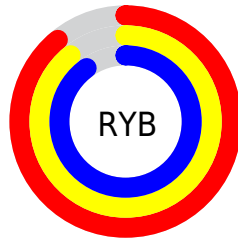
The XYZ color **73.8407, 78.0267, 85.2976** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6502, 77.1442, 83.6854**, and the grayscale version is **74.0376, 77.8933, 84.8258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7893, 42.0988, 46.0731** is the 20% darker color. If you saturate the color by 10%, you get **67.0872, 74.5480, 84.9505**, and if you desaturate by 10%, it is **81.5594, 82.0073, 85.6931**.

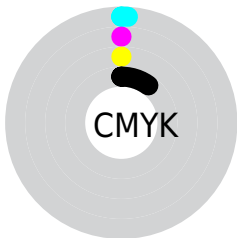
Distribution



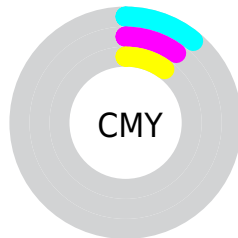
- Red (89%)
- Green (90%)
- Blue (90%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8407, 78.0267, 85.2976 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 73.8407, 78.0267, 85.2976 by changing the saturation by 10% instead.

■ 73.8407, 78.0267,
85.2976

■ 73.8407, 78.0267,
85.2976

462.9822,
488.2575, 532.7825

■ 54.9545, 58.0959,
63.5357

123.6667,
130.5878, 142.6667

■ 39.5990, 41.8858,
45.8310

155.3372,
163.9868, 179.1111

■ 27.4088, 29.0119,
31.7648

191.9998,
202.6441, 221.2867

■ 18.0187, 19.0898,
20.9186

234.0198,
246.9440, 269.6122

■ 11.0632, 11.7352,
12.8738

281.7628,
297.2709, 324.5059

■ 6.1769, 6.5636,
7.2120

335.5939,

■ 2.9947, 3.1907,

354.0092, 386.3865

3.5146

395.8786,
417.5432, 455.6726

■ 1.1509, 1.2321,
1.3630

■ 0.0671, 0.0877,
0.1126

■ 73.8407, 78.0267,
85.2976

■ 73.8407, 78.0267,
85.2976

■ 67.0872, 74.5480,
84.9505

■ 81.5594, 82.0073,
85.6931

■ 61.2545, 71.5419,
84.6448


■ 83.4165, 82.9639,
85.8127


■ 56.3047, 68.9910,
84.3805


■ 83.4227, 82.9665,
85.8457

■ 52.1949, 66.8730,
84.1555


■ 83.4290, 82.9690,
85.8787


 48.8784, 65.1640,
83.9677


 83.4353, 82.9715,
85.9118


 46.3038, 63.8375,
83.8145


 83.4415, 82.9740,
85.9448


 44.4142, 62.8640,
83.6935

 83.4478, 82.9765,
85.9778

 43.1439, 62.2099,
83.6014

 83.4541, 82.9790,
86.0109

 42.4147, 61.8347,
83.5347

 83.4604, 82.9815,
86.0439

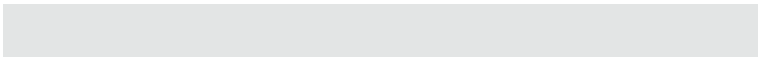
Harmonies

Analogous

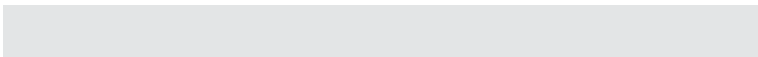
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8246, 78.0267, 84.7910



73.8407, 78.0267, 85.2976



73.9428, 78.0267, 85.7147

Triad

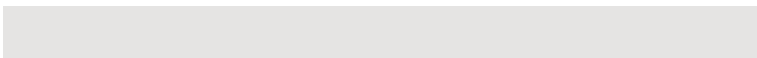
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8407, 78.0267, 85.2976



74.4259, 78.0267, 85.5878



74.2203, 78.0267, 83.9937

Complementary

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



73.8407, 78.0267, 85.2976



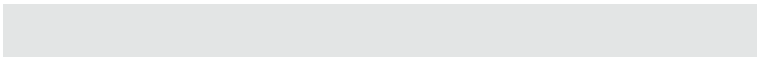
73.6502, 77.1442, 83.6854

Split Complementary

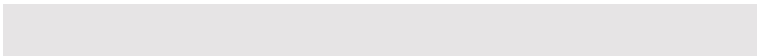
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3817, 78.0267, 84.2054



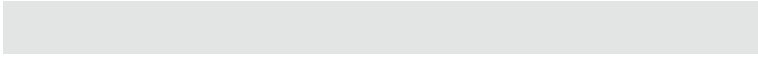
73.8407, 78.0267, 85.2976



74.5005, 78.0267, 85.1249

Square

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



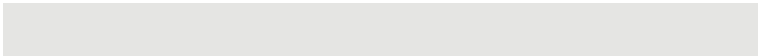
73.8407, 78.0267, 85.2976



74.2806, 78.0267, 85.8828



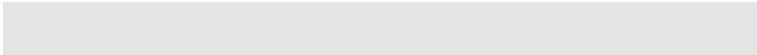
74.4843, 78.0267, 84.6189



74.0436, 78.0267, 84.0395

Rectangle

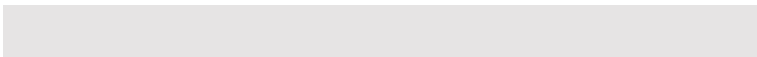
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8407, 78.0267, 85.2976



74.0460, 78.0267, 85.8853



74.4843, 78.0267, 84.6189



74.2782, 78.0267, 84.0370

Sweetspot

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



73.8429, 78.0300, 85.2993

95.0500, 100.0000, 108.9000



73.5757, 77.9244, 83.8371



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

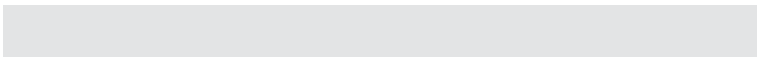
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8429, 78.0300, 85.2993



94.1173, 99.5192, 108.8522



73.5762, 77.4957, 85.2131



16.0701, 16.9873, 18.5756



24.0711, 35.2605, 47.7360



1.7792, 2.6058, 3.5296

Inverse Universe

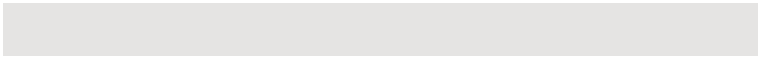
The Inverse Universe completely reimagines the original color for something new.



73.6502, 77.1442, 83.6854



93.8348, 98.2209, 106.4869



73.9154, 77.6754, 83.7711



16.0248, 16.7790, 18.1960



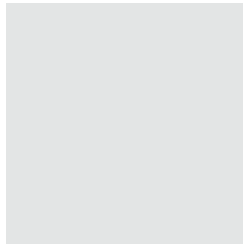
18.4770, 9.5250, 0.8747



1.3658, 0.7040, 0.0668

Previews

White Background



This preview shows how the XYZ color 73.8407, 78.0267, 85.2976 looks on a white background.

Color Contrast Check

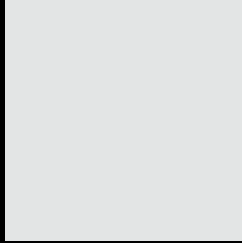
Large Text (above 18pt) WCAG AA × Fail

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 73.8407, 78.0267, 85.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

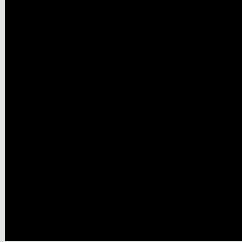
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

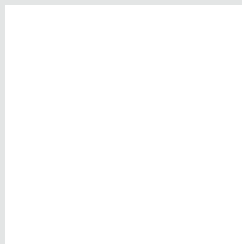
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8407, 78.0267, 85.2976

Background



This preview shows how black text looks on a background with the XYZ color 73.8407, 78.0267, 85.2976.



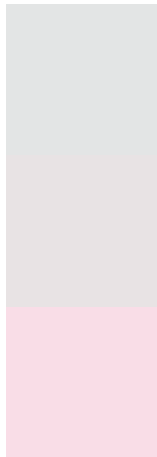
This preview shows how white text looks on a background with the XYZ color 73.8407, 78.0267,

85.2976.

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

73.8407, 78.0267, 85.2976

Protanopia

74.7514, 77.6954, 84.4557

Deuteranopia

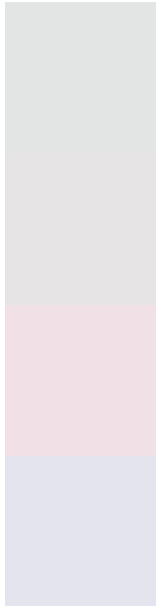
79.3472, 77.6222, 86.4018



Tritanopia

76.2636, 78.1888, 97.4586

Trichromacy



Original Color

73.8407, 78.0267, 85.2976

Protanomaly

74.3801, 77.9112, 84.5169

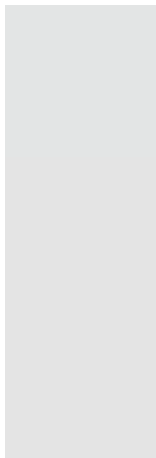
Deuteranomaly

77.2142, 77.7253, 85.7958

Tritanomaly

75.3183, 78.2128, 92.7882

Monochromacy



Original Color

73.8407, 78.0267, 85.2976

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 73.8407, 78.0267, 85.2976 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, 229, 229) looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 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(227, 229, 229) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 73.8407, 78.0267, 85.2976 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, 229, 229) }
```

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

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

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

Here you see how a box with a 4 pixel `rgb(227, 229, 229)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 73.8407, 78.0267, 85.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 229) }
```

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

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