

Converting Colors

XYZ(73.6300, 76.7033, 84.7607)

Have a look what the booklet for
XYZ(73.6300, 76.7033, 84.7607)
contains.

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Color

**XYZ(73.6523, 76.7079,
85.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E2E5
RGB	229, 226, 229
RGB Percent	90%, 89%, 90%
CMY	0.1020, 0.1137, 0.1020
CMYK	0.00, 0.01, 0.00, 0.10
HSL	300°, 5%, 89%
HSV	300°, 1%, 90%
XYZ	73.6523, 76.7079, 85.0529
YIQ	227.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

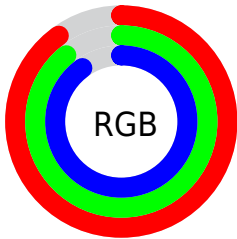
Format	Color
R _Y B	229, 226, 229
Decimal	15065829
CIE Lab	90.19, 1.55, -1.11
CIE LCh	90, 1.908, 324.365
Yxy	76.7079, 0.3129, 0.3258
Android (android.graphics.Color)	4293255909 (0xFFE5E2E5)
YUV	227.2390, 0.8682, 1.5444
Hunter-Lab	87.5830, -3.1621, 3.7309

Details

The XYZ color **73.6523, 76.7079, 85.0529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1137, 77.7004, 83.0997**, and the grayscale version is **73.1829, 76.9941, 83.8466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6585, 41.1805, 45.9028** is the 20% darker color. If you saturate the color by 10%, you get **67.8373, 65.0771, 83.1156**, and if you desaturate by 10%, it is **80.3033, 90.0086, 87.2708**.

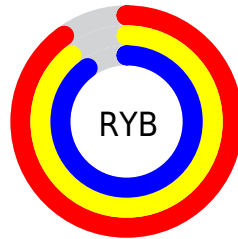
Distribution



Red (90%)

Green (89%)

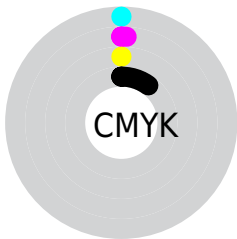
Blue (90%)



Red (90%)

Yellow (89%)

Blue (90%)

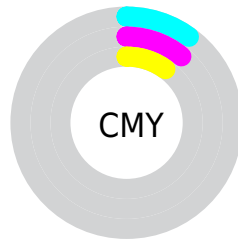


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6523, 76.7079, 85.0529 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 73.6523, 76.7079, 85.0529 by changing the saturation by 10% instead.

■ 73.6523, 76.7079,
85.0529

■ 73.6523, 76.7079,
85.0529

462.3413,
483.7675, 531.9523

■ 54.7998, 57.0132,
63.3347

123.4009,
128.7271, 142.3219

■ 39.4746, 41.0158,
45.6693

155.0278,
161.8203, 178.7098

■ 27.3116, 28.3314,
31.6381

191.6434,
200.1485, 220.8246

■ 17.9451, 18.5757,
20.8227

233.6132,
244.0960, 269.0850

■ 11.0101, 11.3641,
12.8045

281.3026,
294.0473, 323.9094

■ 6.1409, 6.3123,
7.1649

335.0768,

■ 2.9724, 3.0359,

350.3867, 385.7163

3.4855

395.3013,
413.4987, 454.9245

■ 1.1392, 1.1505,
1.3475

■ 0.0575, 0.0207,
0.1003

■ 73.6523, 76.7079,
85.0529

■ 73.6523, 76.7079,
85.0529

■ 67.8373, 65.0771,
83.1156

■ 80.3033, 90.0086,
87.2708

■ 62.8190, 55.0407,
81.4428

■ 82.2170, 93.8356,
87.9086

■ 58.5648, 46.5325,
80.0248

■ 82.2171, 93.8357,
87.9086

■ 55.0371, 39.4775,
78.8490

■ 82.2173, 93.8358,
87.9086

52.1955, 33.7944,
77.9018

82.2175, 93.8359,
87.9087

49.9952, 29.3941,
77.1684

82.2176, 93.8360,
87.9087

48.3864, 26.1769,
76.6322

82.2178, 93.8361,
87.9087

47.3121, 24.0283,
76.2741

82.2180, 93.8362,
87.9087

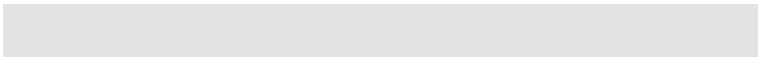
46.7036, 22.8116,
76.0714

82.2181, 93.8363,
87.9087

Harmonies

Analogous

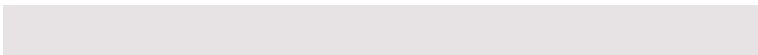
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2854, 76.7079, 85.9238



73.6523, 76.7079, 85.0529



73.8199, 76.7079, 83.7786

Triad

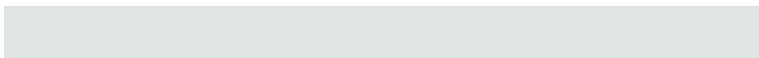
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6523, 76.7079, 85.0529



72.9982, 76.7079, 80.9494



72.0809, 76.7079, 84.6040

Complementary

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



73.6523, 76.7079, 85.0529



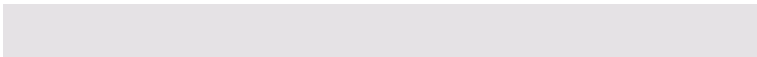
73.1137, 77.7004, 83.0997

Split Complementary

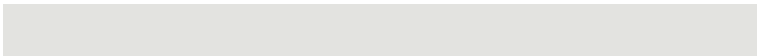
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0047, 76.7079, 83.2656



73.6523, 76.7079, 85.0529



72.5330, 76.7079, 81.1651

Square

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



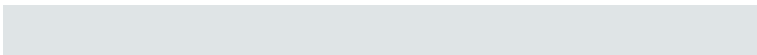
73.6523, 76.7079, 85.0529



73.4412, 76.7079, 81.4170



72.1698, 76.7079, 82.0093



72.3785, 76.7079, 85.6627

Rectangle

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



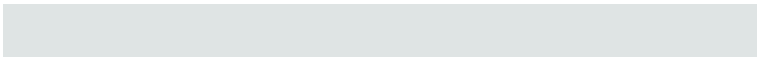
73.6523, 76.7079, 85.0529



73.7956, 76.7079, 82.8755



72.1698, 76.7079, 82.0093



72.0286, 76.7079, 84.1715

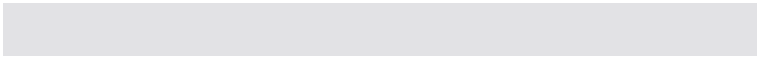
Sweetspot

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



73.6545, 76.7112, 85.0546

95.0500, 100.0000, 108.9000



72.7203, 76.2498, 85.0147



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.



73.6545, 76.7112, 85.0546



93.4445, 96.7891, 108.3648



73.4531, 76.6306, 83.9940



15.9620, 16.5490, 18.4973



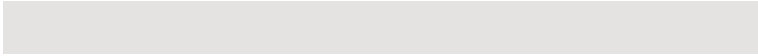
26.5603, 12.7582, 43.4459



1.9627, 0.9428, 3.2105

Inverse Universe

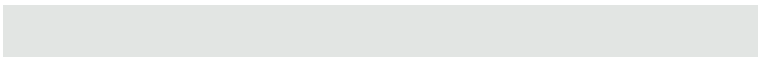
The Inverse Universe completely reimagines the original color for something new.



73.2397, 76.5453, 82.8701



92.6342, 96.4649, 104.0976



73.3133, 77.7802, 84.1508



15.8319, 16.4969, 17.8122



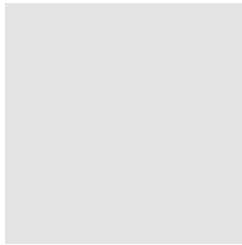
18.4751, 9.5242, 0.8647



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 73.6523, 76.7079, 85.0529 looks on a white background.

Color Contrast Check

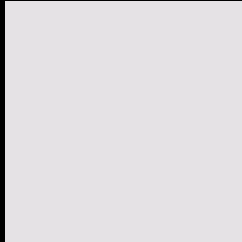
Large Text (above 18pt) WCAG AA × Fail

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 73.6523, 76.7079, 85.0529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

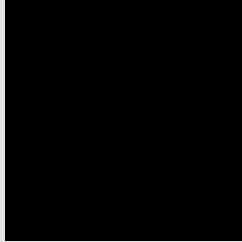
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

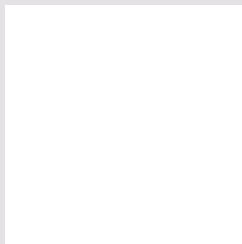
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6523, 76.7079, 85.0529

Background



This preview shows how black text looks on a background with the XYZ color 73.6523, 76.7079, 85.0529.



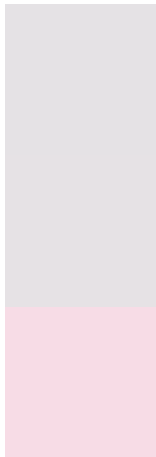
This preview shows how white text looks on a background with the XYZ color 73.6523, 76.7079,

85.0529.

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

73.6523, 76.7079, 85.0529

Protanopia

73.9723, 76.8728, 85.0679

Deuteranopia

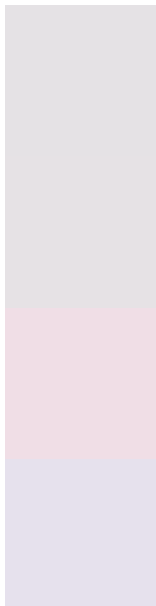
78.2339, 76.6737, 85.5390



Tritanopia

75.6377, 76.7110, 94.8246

Trichromacy



Original Color

73.6523, 76.7079, 85.0529

Protanomaly

73.9723, 76.8728, 85.0679

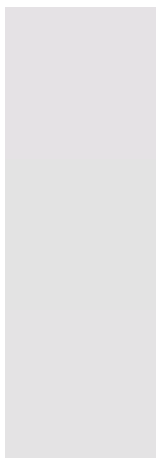
Deuteranomaly

76.3394, 76.4810, 85.6017

Tritanomaly

74.8444, 76.7878, 90.9976

Monochromacy



Original Color

73.6523, 76.7079, 85.0529

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4676, 77.0336, 84.3956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6523, 76.7079, 85.0529 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(229, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 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(229, 226, 229) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 73.6523, 76.7079, 85.0529 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(229, 226, 229) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 73.6523, 76.7079, 85.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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