

Converting Colors

XYZ(73.2428, 75.2919, 85.1950)

Have a look what the booklet for
XYZ(73.2428, 75.2919, 85.1950)
contains.

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Color

**XYZ(73.3037, 75.3115,
85.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DFE6
RGB	230, 223, 230
RGB Percent	90%, 87%, 90%
CMY	0.0980, 0.1255, 0.0980
CMYK	0.00, 0.03, 0.00, 0.10
HSL	300°, 12%, 89%
HSV	300°, 3%, 90%
XYZ	73.3037, 75.3115, 85.5360
YIQ	225.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

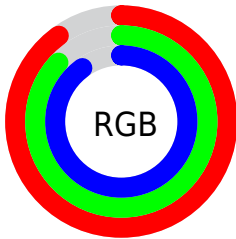
Format	Color
R _Y B	230, 223, 230
Decimal	15130598
CIE Lab	89.54, 3.62, -2.58
CIE LCh	90, 4.444, 324.544
Yxy	75.3115, 0.3131, 0.3216
Android (android.graphics.Color)	4293320678 (0xFFE6DFE6)
YUV	225.8910, 2.0257, 3.6036
Hunter-Lab	86.7822, -1.0924, 2.3089

Details

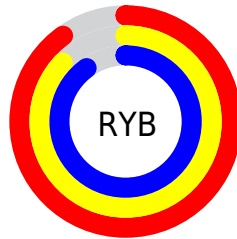
The XYZ color **73.3037, 75.3115, 85.5360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0504, 77.6114, 80.9989**, and the grayscale version is **72.1967, 75.9565, 82.7166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4197, 40.2144, 46.2419** is the 20% darker color. If you saturate the color by 10%, you get **67.5720, 63.8474, 83.6264**, and if you desaturate by 10%, it is **79.8744, 88.4515, 87.7271**.

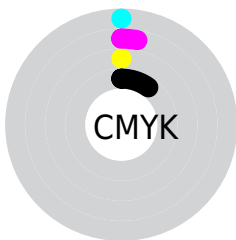
Distribution



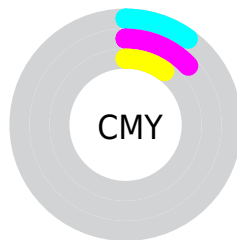
- Red (90%)
- Green (87%)
- Blue (90%)



- Red (90%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3037, 75.3115, 85.5360 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 73.3037, 75.3115, 85.5360 by changing the saturation by 10% instead.

73.3037, 75.3115,
85.5360

73.3037, 75.3115,
85.5360

461.1542,
478.9876, 533.5908

54.5136, 55.8681,
63.7317

122.9091,
126.7532, 143.0026

39.2447, 40.0972,
45.9886

154.4550,
159.5203, 179.5020

27.1317, 27.6143,
31.8882

190.9837,
197.4975, 221.7367

17.8093, 18.0351,
21.0120

232.8603,
241.0691, 270.1255

10.9120, 10.9752,
12.9415

280.4503,
290.6195, 325.0867

6.0746, 6.0502,
7.2580

334.1191,

2.9316, 2.8756,

346.5331, 387.0390

3.5431

394.2319,
409.1943, 456.4008

■ 1.1177, 1.0671,
1.3782

■ 0.0398, 0.0000,
0.1246

■ 73.3037, 75.3115,
85.5360

■ 73.3037, 75.3115,
85.5360

■ 67.5720, 63.8474,
83.6264

■ 79.8744, 88.4515,
87.7271

■ 62.6395, 53.9826,
81.9823

■ 82.6771, 94.0567,
88.6613

■ 58.4726, 45.6490,
80.5934

■ 82.6773, 94.0568,
88.6613

■ 55.0329, 38.7700,
79.4469

■ 82.6775, 94.0569,
88.6613

52.2788, 33.2621,
78.5289

82.6777, 94.0570,
88.6613

50.1644, 29.0336,
77.8242

82.6779, 94.0571,
88.6613

48.6383, 25.9815,
77.3155

82.6780, 94.0572,
88.6613

47.6409, 23.9870,
76.9831

82.6782, 94.0573,
88.6613

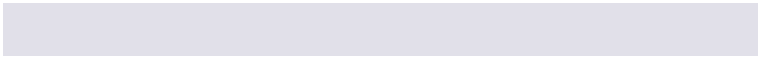
47.1004, 22.9063,
76.8030

82.6784, 94.0574,
88.6613

Harmonies

Analogous

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



72.4563, 75.3115, 87.5887



73.3037, 75.3115, 85.5360



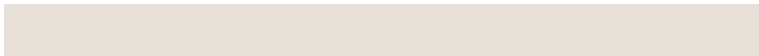
73.6899, 75.3115, 82.5740

Triad

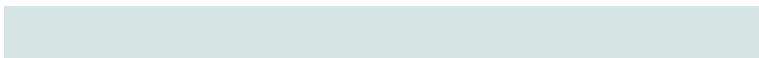
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3037, 75.3115, 85.5360



71.7810, 75.3115, 76.1651



69.6900, 75.3115, 84.5224

Complementary

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



73.3037, 75.3115, 85.5360



72.0504, 77.6114, 80.9989

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.



69.5133, 75.3115, 81.4315



73.3037, 75.3115, 85.5360



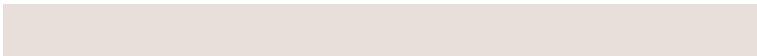
70.7135, 75.3115, 76.6570

Square

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



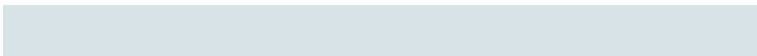
73.3037, 75.3115, 85.5360



72.8051, 75.3115, 77.2044



69.8861, 75.3115, 78.5656



70.3714, 75.3115, 86.9931

Rectangle

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



73.3037, 75.3115, 85.5360



73.6311, 75.3115, 80.5019



69.8861, 75.3115, 78.5656



69.5699, 75.3115, 83.5194

Sweetspot

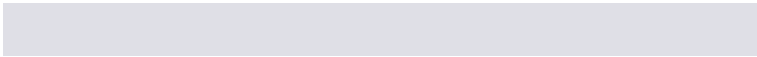
The Sweet Spot groups the original color and five complimentary colors.



73.3059, 75.3147, 85.5376



94.2419, 98.3838, 108.6306



71.1365, 74.2427, 85.4450



20.1802, 21.0752, 23.2543



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.



73.3059, 75.3147, 85.5376



91.8818, 93.6638, 107.8440



72.8355, 75.1266, 83.0605



15.5875, 15.7999, 18.3725



26.5602, 12.7582, 43.4459



1.9627, 0.9428, 3.2105

Inverse Universe

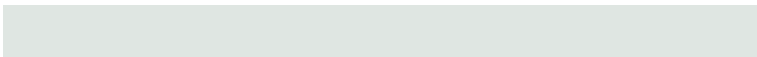
The Inverse Universe completely reimagines the original color for something new.



72.3428, 74.9295, 80.4660



90.2829, 93.0242, 99.4235



72.5110, 77.7956, 83.4245



15.2684, 15.6723, 16.6919



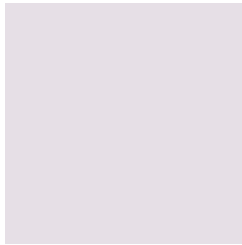
18.4751, 9.5242, 0.8647



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 73.3037, 75.3115, 85.5360 looks on a white background.

Color Contrast Check

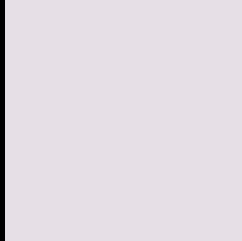
Large Text (above 18pt) WCAG AA × Fail

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 73.3037, 75.3115, 85.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

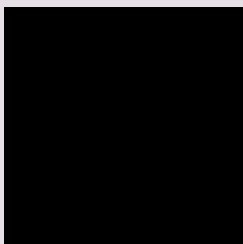
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

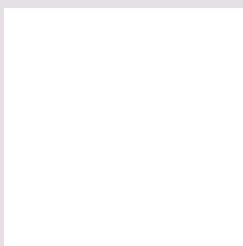
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3037, 75.3115, 85.5360

Background



This preview shows how black text looks on a background with the XYZ color 73.3037, 75.3115, 85.5360.



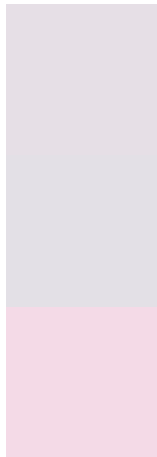
This preview shows how white text looks on a background with the XYZ color 73.3037, 75.3115,

85.5360.

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

73.3037, 75.3115, 85.5360

Protanopia

72.6171, 75.3554, 85.5806

Deuteranopia

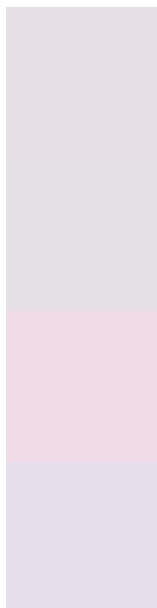
76.8034, 75.1454, 86.0578



Tritanopia

74.6563, 75.4635, 92.2925

Trichromacy



Original Color

73.3037, 75.3115, 85.5360

Protanomaly

72.9335, 75.5185, 85.5954

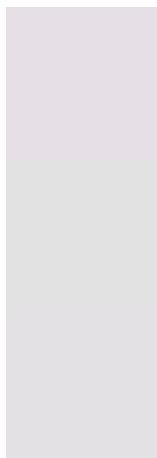
Deuteranomaly

75.6136, 75.3066, 86.1517

Tritanomaly

74.2166, 75.2876, 89.9772

Monochromacy



Original Color

73.3037, 75.3115, 85.5360

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4689, 75.7274, 83.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3037, 75.3115, 85.5360 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, 223, 230) looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 230)  
}
```

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, 223, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 230) }
```

Border

The CSS property to change the border of an element to XYZ 73.3037, 75.3115, 85.5360 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, 223, 230) }
```


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

```
.border{ border-color:rgb(230, 223, 230) }
```

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

Here you see how a box with a 4 pixel rgb(230, 223, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3037, 75.3115, 85.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 230) }
```

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

```
.background{ background-color: rgb(230,  
223, 230) }
```

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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