

Converting Colors

XYZ(73.2261, 77.0189, 80.5469)

Have a look what the booklet for
XYZ(73.2261, 77.0189, 80.5469)
contains.

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Color

**XYZ(73.4215, 77.0889,
80.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E3DF
RGB	230, 227, 223
RGB Percent	90%, 89%, 87%
CMY	0.0980, 0.1098, 0.1255
CMYK	0.00, 0.01, 0.03, 0.10
HSL	34°, 12%, 89%
HSV	34°, 3%, 90%
XYZ	73.4215, 77.0889, 80.8220
YIQ	227.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

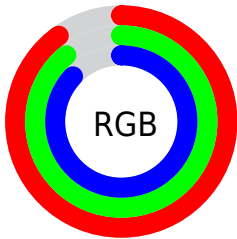
Format	Color
R_{YB}	228, 230, 223
Decimal	15131615
CIE Lab	90.36, 0.31, 2.30
CIE LCh	90, 2.318, 82.208
Yxy	77.0889, 0.3174, 0.3332
Android (android.graphics.Color)	4293321695 (0xFFE6E3DF)
YUV	227.4410, -2.1894, 2.2442
Hunter-Lab	87.8003, -4.3829, 6.8825

Details

The XYZ color **73.4215, 77.0889, 80.8220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9107, 75.7928, 85.7032**, and the grayscale version is **73.3505, 77.1704, 84.0386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4996, 41.4462, 42.9638** is the 20% darker color. If you saturate the color by 10%, you get **67.9137, 70.7026, 64.7121**, and if you desaturate by 10%, it is **79.5089, 83.9583, 99.2052**.

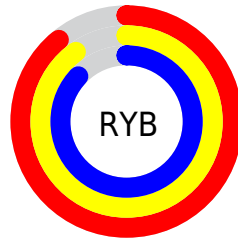
Distribution



Red (90%)

Green (89%)

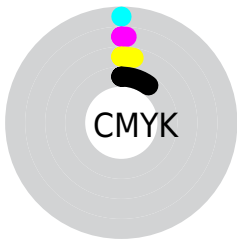
Blue (87%)



Red (89%)

Yellow (90%)

Blue (87%)

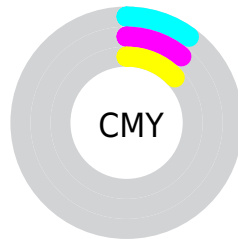


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4215, 77.0889, 80.8220 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 73.4215, 77.0889, 80.8220 by changing the saturation by 10% instead.

■ 73.4215, 77.0889,
80.8220

■ 73.4215, 77.0889,
80.8220

461.5556,
485.0671, 517.4784

■ 54.6103, 57.3258,
59.8649

123.0753,
129.2650, 136.3426

■ 39.3224, 41.2669,
42.8851

154.6486,
162.4468, 171.7432

■ 27.1925, 28.5277,
29.4643

191.2067,
200.8703, 212.7953

■ 17.8552, 18.7238,
19.1837

233.1148,
244.9199, 259.9176

■ 10.9451, 11.4709,
11.6250

280.7384,
294.9799, 313.5285

■ 6.0970, 6.3845,
6.3694

334.4429,

■ 2.9453, 3.0803,

351.4349, 374.0465

2.9986

394.5935,
414.6692, 441.8903

■ 1.1249, 1.1738,
1.0939

■ 0.0458, 0.0401,
0.0000

■ 73.4215, 77.0889,
80.8220

■ 73.4215, 77.0889,
80.8220

■ 67.9137, 70.7026,
64.7121

■ 79.5089, 83.9583,
99.2052

■ 62.9595, 64.7776,
50.7807

■ 83.8505, 90.3771,
107.6329

■ 58.5406, 59.3047,
38.9339

■ 86.4435, 95.5632,
108.4972

■ 54.6348, 54.2708,
29.0689

■ 51.2185, 49.6621,
21.0739

■ 48.2655, 45.4635,
14.8260

■ 45.7470, 41.6588,
10.1874

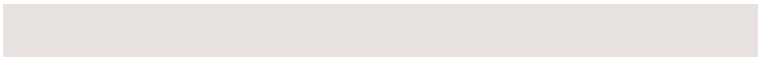
■ 43.6299, 38.2299,
6.9991

■ 41.8748, 35.1562,
5.0690

Harmonies

Analogous

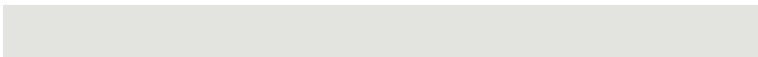
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9540, 77.0889, 81.4461



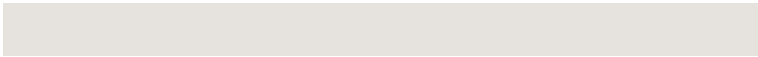
73.4215, 77.0889, 80.8220



72.8514, 77.0889, 81.0238

Triad

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



73.4215, 77.0889, 80.8220



72.2464, 77.0889, 85.1457



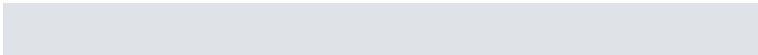
74.1526, 77.0889, 85.9027

Complementary

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



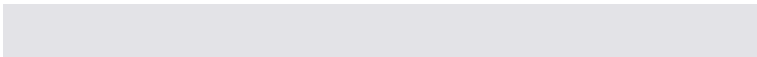
73.4215, 77.0889, 80.8220



71.9107, 75.7928, 85.7032

Split Complementary

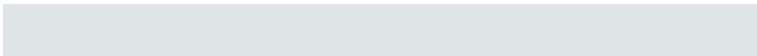
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6916, 77.0889, 86.9186



73.4215, 77.0889, 80.8220



72.5916, 77.0889, 86.4776

Square

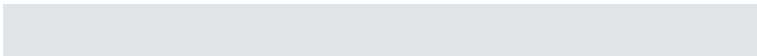
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



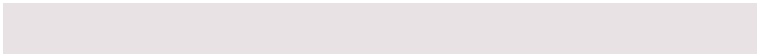
73.4215, 77.0889, 80.8220



72.1749, 77.0889, 83.5058



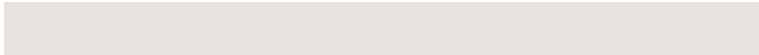
73.1201, 77.0889, 87.1304



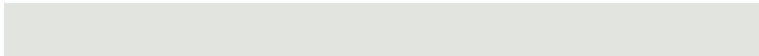
74.3775, 77.0889, 84.3691

Rectangle

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



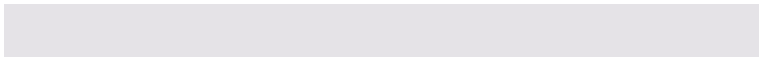
73.4215, 77.0889, 80.8220



72.5264, 77.0889, 81.6007



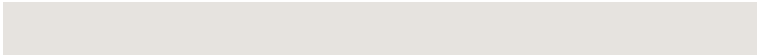
73.1201, 77.0889, 87.1304



74.0200, 77.0889, 86.3169

Sweetspot

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



73.4237, 77.0922, 80.8237



94.2949, 99.1425, 106.6363



72.7539, 75.0924, 82.6363



20.1910, 21.2296, 22.8484



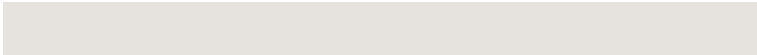
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.4237, 77.0922, 80.8237



92.0740, 96.6066, 100.0203



74.1007, 78.6683, 81.0922



15.6251, 16.3857, 16.8108



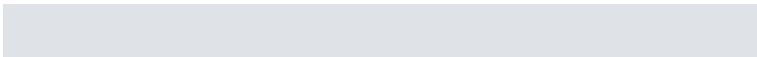
23.2367, 19.0476, 2.4518



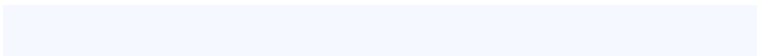
1.8089, 1.5910, 0.2118

Inverse Universe

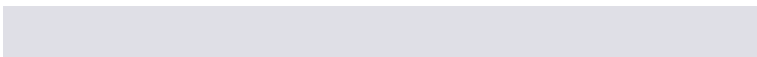
The Inverse Universe completely reimagines the original color for something new.



71.9107, 75.7928, 85.7032



89.5633, 94.4502, 108.1180



71.2472, 74.2520, 85.4408



15.1240, 15.9554, 18.4269



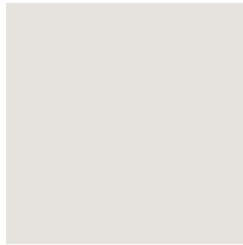
10.6979, 8.4580, 43.4519



0.8812, 0.8063, 3.2411

Previews

White Background



This preview shows how the XYZ color 73.4215, 77.0889, 80.8220 looks on a white background.

Color Contrast Check

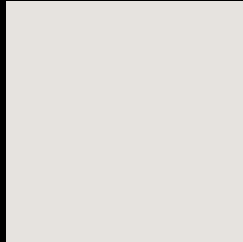
Large Text (above 18pt) WCAG AA × Fail

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 73.4215, 77.0889, 80.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

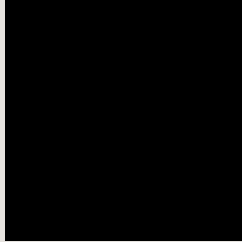
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

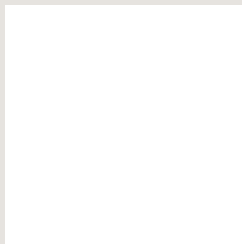
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4215, 77.0889, 80.8220

Background



This preview shows how black text looks on a background with the XYZ color 73.4215, 77.0889, 80.8220.

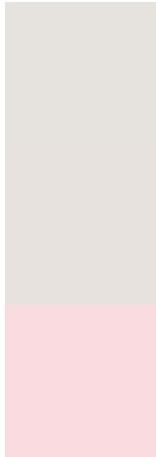


This preview shows how white text looks on a background with the XYZ color 73.4215, 77.0889,

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

73.4215, 77.0889, 80.8220

Protanopia

73.7944, 76.8762, 80.7613

Deuteranopia

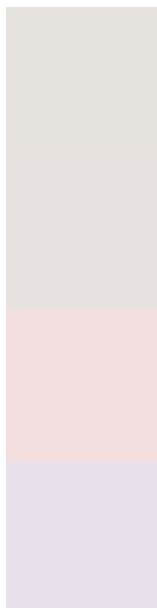
78.4721, 76.8922, 81.2268



Tritanopia

76.2869, 77.0458, 94.8550

Trichromacy



Original Color

73.4215, 77.0889, 80.8220

Protanomaly

73.4706, 76.7093, 80.7461

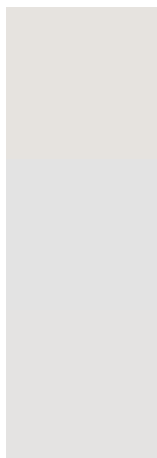
Deuteranomaly

76.8044, 77.2119, 81.3764

Tritanomaly

75.1993, 77.0044, 89.4972

Monochromacy



Original Color

73.4215, 77.0889, 80.8220

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1915, 76.9231, 82.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4215, 77.0889, 80.8220 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, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.4215, 77.0889, 80.8220 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, 223) }
```


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

```
.border{ border-color:rgb(230, 227, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4215, 77.0889, 80.8220 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, 223) }
```

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

```
.background{ background-color: rgb(230,  
227, 223) }
```

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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