

Converting Colors

XYZ(73.4018, 75.8320, 84.8211)

Have a look what the booklet for
XYZ(73.4018, 75.8320, 84.8211)
contains.

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Color

**XYZ(73.4316, 75.7914,
84.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E0E5
RGB	230, 224, 229
RGB Percent	90%, 88%, 90%
CMY	0.0980, 0.1215, 0.1020
CMYK	0.00, 0.03, 0.00, 0.10
HSL	310°, 11%, 89%
HSV	310°, 3%, 90%
XYZ	73.4316, 75.7914, 84.8877
YIQ	226.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

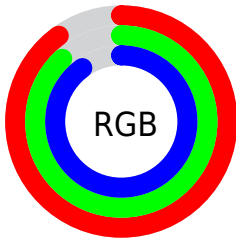
Format	Color
R_{YB}	230, 224, 229
Decimal	15130853
CIE Lab	89.76, 2.92, -1.72
CIE LCh	90, 3.393, 329.450
Yxy	75.7914, 0.3137, 0.3237
Android (android.graphics.Color)	4293320933 (0xFFE6E0E5)
YUV	226.3640, 1.2995, 3.1888
Hunter-Lab	87.0583, -1.7914, 3.1290

Details

The XYZ color **73.4316, 75.7914, 84.8877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6307, 77.8791, 82.4420**, and the grayscale version is **72.5438, 76.3218, 83.1144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5071, 40.5459, 45.7883** is the 20% darker color. If you saturate the color by 10%, you get **67.1348, 64.0443, 80.1765**, and if you desaturate by 10%, it is **80.5807, 89.2220, 89.9432**.

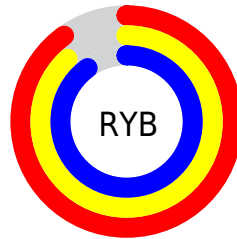
Distribution



Red (90%)

Green (88%)

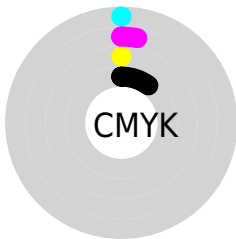
Blue (90%)



Red (90%)

Yellow (88%)

Blue (90%)

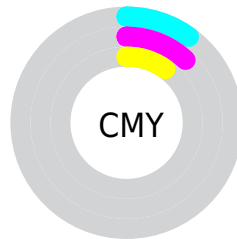


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4316, 75.7914, 84.8877 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 73.4316, 75.7914, 84.8877 by changing the saturation by 10% instead.

■ 73.4316, 75.7914,
84.8877

■ 73.4316, 75.7914,
84.8877

461.5900,
480.6333, 531.3913

■ 54.6186, 56.2615,
63.1990

123.0896,
127.4320, 142.0890

■ 39.3291, 40.4126,
45.5602

154.6652,
160.3115, 178.4387

■ 27.1977, 27.8604,
31.5527

191.2258,
198.4095, 220.5125

■ 17.8591, 18.2204,
20.7581

233.1367,
242.1107, 268.7289

■ 10.9480, 11.1084,
12.7578

280.7631,
291.7992, 323.5064

■ 6.0989, 6.1398,
7.1332

334.4706,

■ 2.9465, 2.9303,

347.8596, 385.2636

3.4658

394.6244,
410.6761, 454.4191

■ 1.1255, 1.0954,
1.3371

■ 0.0463, 0.0000,
0.0919

■ 73.4316, 75.7914,
84.8877

■ 73.4316, 75.7914,
84.8877

■ 67.1348, 64.0443,
80.1765

■ 80.5807, 89.2220,
89.9432

■ 61.6503, 53.9042,
75.7933

■ 83.6318, 94.4385,
93.6905

■ 56.9447, 45.3032,
71.7272

■ 84.1973, 94.6647,
96.6683

■ 52.9798, 38.1648,
67.9653

■ 84.7748, 94.8957,
99.7097

49.7138, 32.4059,
64.4933

85.3645, 95.1316,
102.8149

47.1011, 27.9353,
61.2955

85.9664, 95.3724,
105.9844

45.0903, 24.6503,
58.3545

86.4436, 95.5632,
108.4972

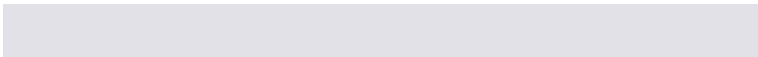
43.6224, 22.4331,
55.6501

42.6261, 21.1411,
53.1583

Harmonies

Analogous

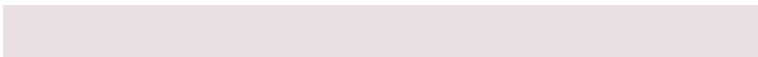
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8312, 75.7914, 86.6008



73.4316, 75.7914, 84.8877



73.6579, 75.7914, 82.5682

Triad

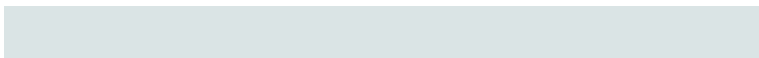
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4316, 75.7914, 84.8877



72.0529, 75.7914, 78.0026



70.6458, 75.7914, 84.8097

Complementary

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



73.4316, 75.7914, 84.8877



72.6307, 77.8791, 82.4420

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.



70.4409, 75.7914, 82.4798



73.4316, 75.7914, 84.8877



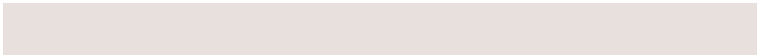
71.2495, 75.7914, 78.5771

Square

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



73.4316, 75.7914, 84.8877



72.8581, 75.7914, 78.6199



70.6611, 75.7914, 80.2045



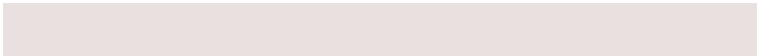
71.2229, 75.7914, 86.5551

Rectangle

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



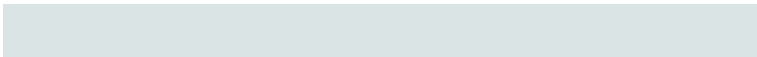
73.4316, 75.7914, 84.8877



73.5649, 75.7914, 80.9995



70.6611, 75.7914, 80.2045



70.5313, 75.7914, 84.0675

Sweetspot

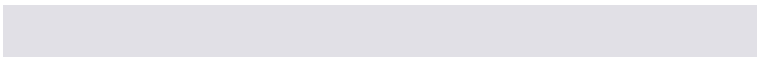
The Sweet Spot groups the original color and five complimentary colors.



73.4338, 75.7947, 84.8893



94.1735, 98.3564, 108.2705



71.9930, 75.0358, 85.5529



20.1662, 21.0696, 23.1810



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.



73.4338, 75.7947, 84.8893



92.4532, 95.1339, 107.0245



73.0187, 75.6286, 82.7037



15.6670, 16.0289, 18.1831



23.8787, 11.6857, 29.3199



1.7921, 0.8745, 2.3116

Inverse Universe

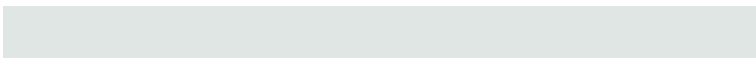
The Inverse Universe completely reimagines the original color for something new.



73.4338, 75.7947, 84.8893



92.4532, 95.1339, 107.0245



73.0433, 78.0442, 84.6150



15.6670, 16.0289, 18.1831



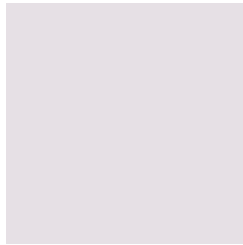
23.8787, 11.6857, 29.3199



1.7921, 0.8745, 2.3116

Previews

White Background



This preview shows how the XYZ color 73.4316, 75.7914, 84.8877 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 73.4316, 75.7914, 84.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

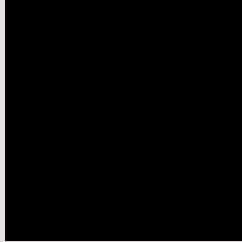
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

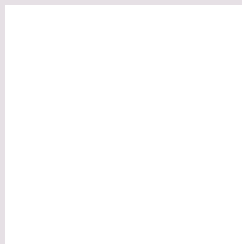
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4316, 75.7914, 84.8877

Background



This preview shows how black text looks on a background with the XYZ color 73.4316, 75.7914, 84.8877.

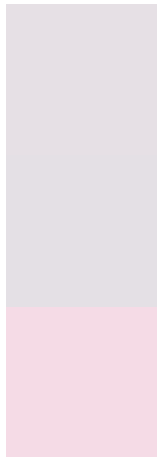


This preview shows how white text looks on a background with the XYZ color 73.4316, 75.7914,

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

73.4316, 75.7914, 84.8877

Protanopia

72.7934, 75.4624, 84.8578

Deuteranopia

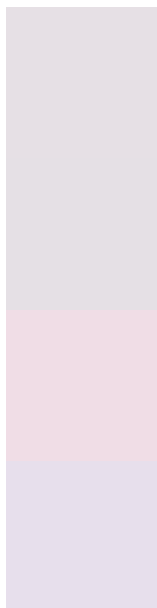
77.2706, 75.7887, 85.4190



Tritanopia

75.1282, 75.6896, 93.0880

Trichromacy



Original Color

73.4316, 75.7914, 84.8877

Protanomaly

73.1116, 75.6265, 84.8727

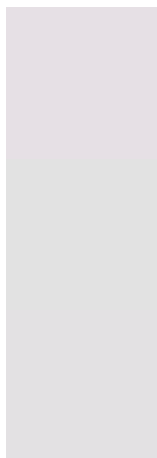
Deuteranomaly

76.0746, 75.9513, 85.5134

Tritanomaly

74.4830, 75.8204, 90.0660

Monochromacy



Original Color

73.4316, 75.7914, 84.8877

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 73.4316, 75.7914, 84.8877 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, 224, 229) looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 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(230, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 229) }
```

Border

The CSS property to change the border of an element to XYZ 73.4316, 75.7914, 84.8877 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, 224, 229) }
```


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

```
.border{ border-color:rgb(230, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4316, 75.7914, 84.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 229) }
```

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

```
.background{ background-color: rgb(230,  
224, 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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