

Converting Colors

XYZ(74.3744, 76.5119, 80.7964)

Have a look what the booklet for
XYZ(74.3744, 76.5119, 80.7964)
contains.

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Color

**XYZ(74.2359, 76.3012,
80.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0DF
RGB	235, 224, 223
RGB Percent	92%, 88%, 87%
CMY	0.0784, 0.1215, 0.1255
CMYK	0.00, 0.05, 0.05, 0.08
HSL	5°, 23%, 90%
HSV	5°, 5%, 92%
XYZ	74.2359, 76.3012, 80.6270
YIQ	227.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

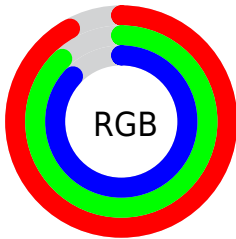
Format	Color
R_{YB}	235, 224, 223
Decimal	15458527
CIE _{Lab}	90.00, 3.57, 1.82
CIE _{LCh}	90, 4.006, 26.953
Yxy	76.3012, 0.3211, 0.3301
Android (android.graphics.Color)	4293648607 (0xFFEBE0DF)
YUV	227.1750, -2.0583, 6.8625
Hunter-Lab	87.3506, -1.1632, 6.4191

Details

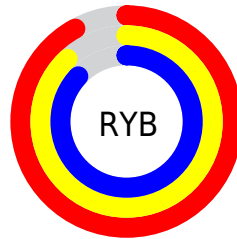
The XYZ color **74.2359, 76.3012, 80.6270** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8495, 80.5305, 90.1972**, and the grayscale version is **73.1538, 76.9635, 83.8132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8463, 40.7868, 42.8183** is the 20% darker color. If you saturate the color by 10%, you get **65.8599, 64.2720, 63.2732**, and if you desaturate by 10%, it is **83.7889, 89.9788, 100.5446**.

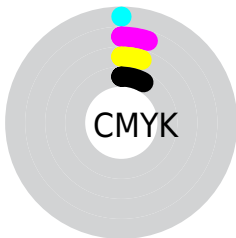
Distribution



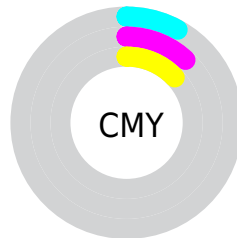
- Red (92%)
- Green (88%)
- Blue (87%)



- Red (92%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2359, 76.3012, 80.6270 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 74.2359, 76.3012, 80.6270 by changing the saturation by 10% instead.

■ 74.2359, 76.3012,
80.6270

■ 74.2359, 76.3012,
80.6270

464.3249,
482.3781, 516.8057

■ 55.2791, 56.6795,
59.7052

124.2239,
128.1526, 136.0663

■ 39.8600, 40.7480,
42.7574

155.9857,
161.1511, 171.4208

■ 27.6131, 28.1222,
29.3648

192.7467,
199.3773, 212.4234

■ 18.1732, 18.4178,
19.1090

234.8720,
243.2156, 259.4926

■ 11.1748, 11.2504,
11.5715

282.7272,
293.0505, 313.0469

■ 6.2527, 6.2355,
6.3336

336.6775,

■ 3.0415, 2.9888,

349.2663, 373.5048

2.9769

397.0883,
412.2474, 441.2849

■ 1.1757, 1.1259,
1.0829

■ 0.0871, 0.0000,
0.0000

■ 74.2359, 76.3012,
80.6270

■ 74.2359, 76.3012,
80.6270

■ 65.8599, 64.2720,
63.2732

■ 83.7889, 89.9788,
100.5446

■ 58.6092, 53.8195,
48.3742

■ 88.0714, 96.4024,
108.5734

■ 52.4378, 44.8813,
35.8206

■ 47.2938, 37.3871,
25.4930

■ 43.1213, 31.2611,
17.2613

■ 39.8588, 26.4205,
10.9817

■ 37.4381, 22.7735,
6.4926

■ 35.7809, 20.2161,
3.6064

■ 34.7941, 18.6265,
2.0934

Harmonies

Analogous

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



74.4438, 76.3012, 83.3698



74.2359, 76.3012, 80.6270



73.5674, 76.3012, 78.5828

Triad

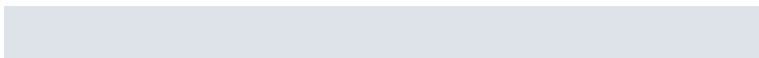
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2359, 76.3012, 80.6270



70.9346, 76.3012, 80.1350



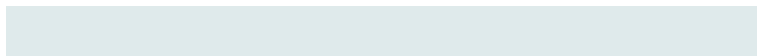
72.4207, 76.3012, 88.6554

Complementary

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



74.2359, 76.3012, 80.6270



74.8495, 80.5305, 90.1972

Split Complementary

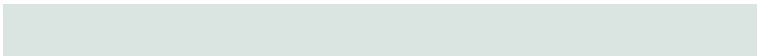
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4866, 76.3012, 87.7436



74.2359, 76.3012, 80.6270



70.6335, 76.3012, 82.7890

Square

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



74.2359, 76.3012, 80.6270



71.6607, 76.3012, 78.3033



70.8347, 76.3012, 85.5803



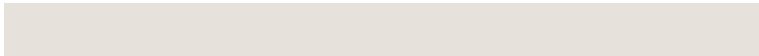
73.3902, 76.3012, 88.0451

Rectangle

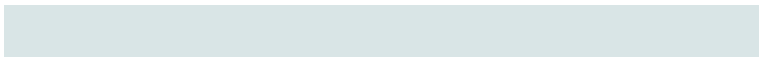
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



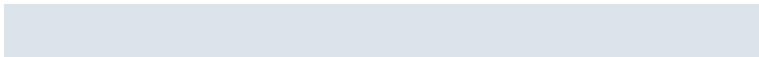
74.2359, 76.3012, 80.6270



72.9535, 76.3012, 77.8691



70.8347, 76.3012, 85.5803



72.0922, 76.3012, 88.5163

Sweetspot

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



74.2380, 76.3045, 80.6286



92.7669, 96.7303, 104.1418



75.5010, 76.3792, 88.6062



19.8798, 20.7385, 22.3405



0.0000, 0.0000, 0.0000



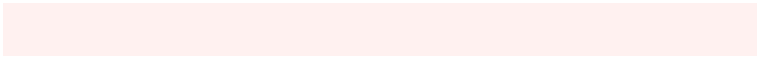
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2380, 76.3045, 80.6286



88.3731, 90.4323, 95.0020



75.8781, 79.5846, 81.1753



15.6934, 16.0124, 16.7567



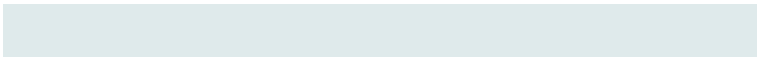
19.2407, 10.1757, 0.9500



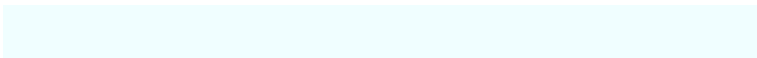
1.5459, 0.8691, 0.0863

Inverse Universe

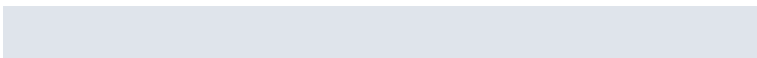
The Inverse Universe completely reimagines the original color for something new.



74.8495, 80.5305, 90.1972



89.2364, 96.3987, 108.5113



73.1713, 77.1741, 89.6378



15.8625, 17.1809, 19.4024



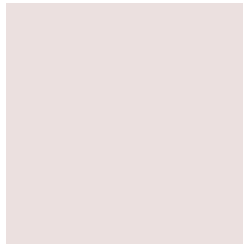
21.9639, 30.5748, 48.4869



1.7566, 2.4646, 3.8180

Previews

White Background



This preview shows how the XYZ color 74.2359, 76.3012, 80.6270 looks on a white background.

Color Contrast Check

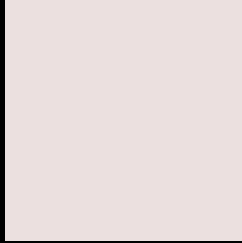
Large Text (above 18pt) WCAG AA × Fail

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 74.2359, 76.3012, 80.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

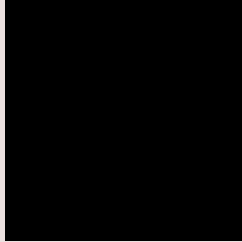
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

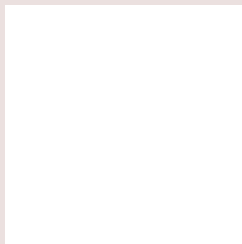
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2359, 76.3012, 80.6270

Background



This preview shows how black text looks on a background with the XYZ color 74.2359, 76.3012, 80.6270.



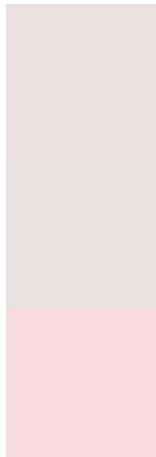
This preview shows how white text looks on a background with the XYZ color 74.2359, 76.3012,

80.6270.

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

74.2359, 76.3012, 80.6270

Protanopia

73.3348, 76.2212, 81.3680

Deuteranopia

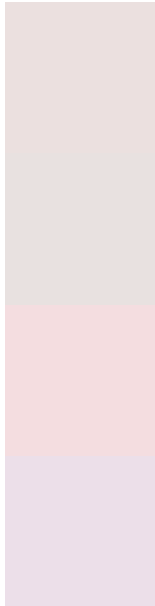
77.8530, 76.1846, 81.1228



Tritanopia

76.6263, 76.4791, 92.3847

Trichromacy



Original Color

74.2359, 76.3012, 80.6270

Protanomaly

73.6585, 76.3881, 81.3832

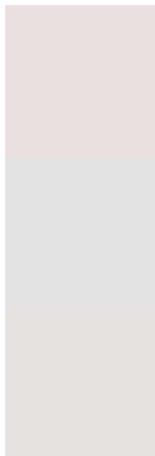
Deuteranomaly

76.6192, 76.3278, 81.2155

Tritanomaly

75.6877, 76.4914, 87.8659

Monochromacy



Original Color

74.2359, 76.3012, 80.6270

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5570, 76.7067, 82.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2359, 76.3012, 80.6270 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(235, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 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(235, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.2359, 76.3012, 80.6270 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(235, 224, 223) }
```


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

```
.border{ border-color:rgb(235, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2359, 76.3012, 80.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 223) }
```

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

```
.background{ background-color: rgb(235,  
224, 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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