

Converting Colors

XYZ(74.1455, 76.3034, 79.7183)

Have a look what the booklet for
XYZ(74.1455, 76.3034, 79.7183)
contains.

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Color

**XYZ(74.1014, 76.2474,
79.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0DE
RGB	235, 224, 222
RGB Percent	92%, 88%, 87%
CMY	0.0784, 0.1215, 0.1294
CMYK	0.00, 0.05, 0.06, 0.08
HSL	9°, 25%, 90%
HSV	9°, 6%, 92%
XYZ	74.1014, 76.2474, 79.9189
YIQ	227.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

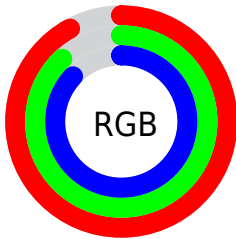
Format	Color
R _Y B	235, 224, 222
Decimal	15458526
CIE Lab	89.97, 3.40, 2.30
CIE LCh	90, 4.108, 34.124
Yxy	76.2474, 0.3218, 0.3311
Android (android.graphics.Color)	4293648606 (0xFFE0E0DE)
YUV	227.0610, -2.4951, 6.9625
Hunter-Lab	87.3198, -1.3307, 6.8590

Details

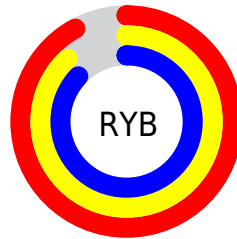
The XYZ color **74.1014, 76.2474, 79.9189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2584, 79.8043, 90.0881**, and the grayscale version is **73.0737, 76.8793, 83.7215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7534, 40.7497, 42.3295** is the 20% darker color. If you saturate the color by 10%, you get **66.1357, 65.0095, 62.7922**, and if you desaturate by 10%, it is **83.1350, 88.9166, 99.5693**.

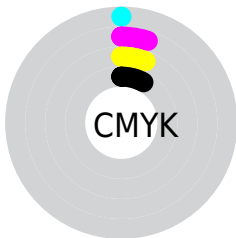
Distribution



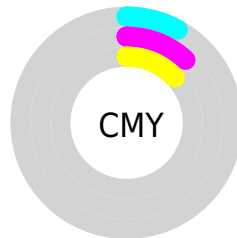
- Red (92%)
- Green (88%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1014, 76.2474, 79.9189 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 74.1014, 76.2474, 79.9189 by changing the saturation by 10% instead.

74.1014, 76.2474,
79.9189

74.1014, 76.2474,
79.9189

463.8682,
482.1942, 514.3590

55.1686, 56.6354,
59.1258

124.0343,
128.0766, 135.0621

39.7711, 40.7126,
42.2938

155.7651,
161.0625, 170.2493

27.5435, 28.0946,
29.0041

192.4926,
199.2752, 211.0716

18.1206, 18.3970,
18.8383

234.5821,
243.0991, 257.9476

11.1368, 11.2354,
11.3779

282.3991,
292.9185, 311.2958

6.2269, 6.2254,
6.2042

336.3089,

3.0255, 2.9826,

349.1179, 371.5347

2.8989

396.6768,
412.0817, 439.0830

■ 1.1673, 1.1227,
1.0432

■ 0.0803, 0.0000,
0.0000

■ 74.1014, 76.2474,
79.9189

■ 74.1014, 76.2474,
79.9189

■ 66.1357, 65.0095,
62.7922

■ 83.1350, 88.9166,
99.5693

■ 59.1920, 55.1430,
48.0820

■ 88.0713, 96.4024,
108.5734

■ 53.2305, 46.5980,
35.6808

■ 48.2063, 39.3182,
25.4709

■ 44.0711, 33.2431,
17.3243

■ 40.7719, 28.3071,
11.0997

■ 38.2503, 24.4385,
6.6378

■ 36.4397, 21.5570,
3.7538

■ 35.2615, 19.5706,
2.2207

Harmonies

Analogous

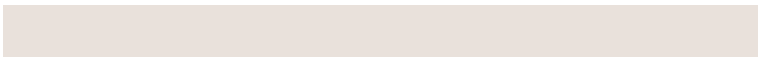
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4384, 76.2474, 82.6185



74.1014, 76.2474, 79.9189



73.3275, 76.2474, 78.0839

Triad

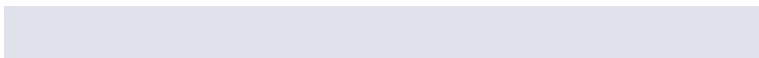
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1014, 76.2474, 79.9189



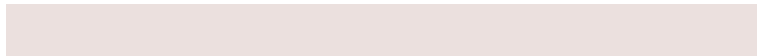
70.7260, 76.2474, 80.6007



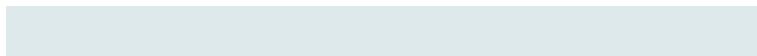
72.6115, 76.2474, 88.7313

Complementary

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



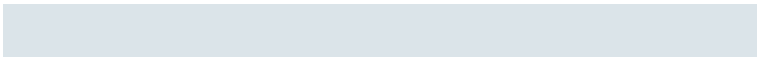
74.1014, 76.2474, 79.9189



74.2584, 79.8043, 90.0881

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.



71.6210, 76.2474, 88.1608



74.1014, 76.2474, 79.9189



70.5383, 76.2474, 83.4237

Square

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



74.1014, 76.2474, 79.9189



71.3796, 76.2474, 78.4710



70.8644, 76.2474, 86.2012



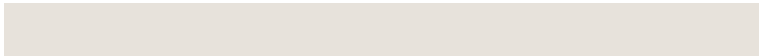
73.5732, 76.2474, 87.7424

Rectangle

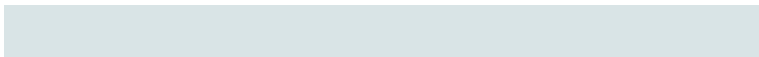
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



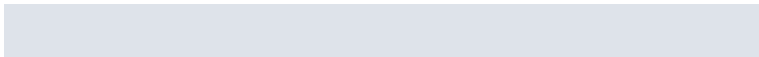
74.1014, 76.2474, 79.9189



72.6712, 76.2474, 77.5744



70.8644, 76.2474, 86.2012



72.2709, 76.2474, 88.7157

Sweetspot

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



74.1035, 76.2507, 79.9205



92.8789, 96.9543, 104.1791



75.0983, 75.7919, 87.8004



19.9027, 20.7842, 22.3481



0.0000, 0.0000, 0.0000



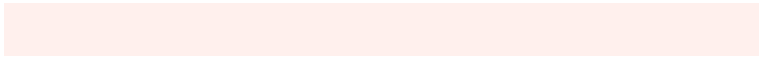
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1035, 76.2507, 79.9205



87.6792, 89.6456, 92.9179



75.8689, 79.7815, 80.5090



15.5862, 15.8985, 16.4112



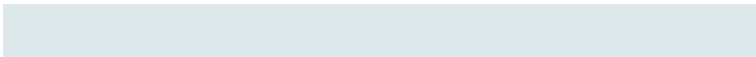
19.4809, 10.6561, 1.0301



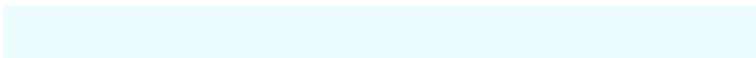
1.5869, 0.9511, 0.0999

Inverse Universe

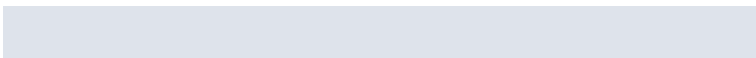
The Inverse Universe completely reimagines the original color for something new.



74.2584, 79.8043, 90.0881



87.9136, 95.0272, 108.3163



72.4668, 76.2212, 89.4909



15.6312, 16.9313, 19.3665



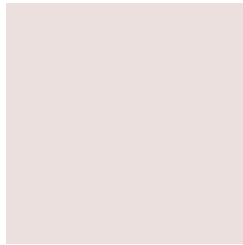
19.7596, 26.1662, 47.7521



1.6050, 2.1615, 3.7675

Previews

White Background



This preview shows how the XYZ color 74.1014, 76.2474, 79.9189 looks on a white background.

Color Contrast Check

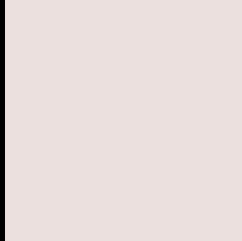
Large Text (above 18pt) WCAG AA × Fail

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 74.1014, 76.2474, 79.9189 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

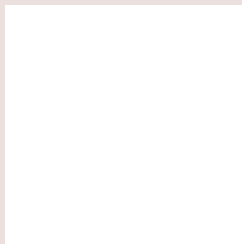
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1014, 76.2474, 79.9189

Background



This preview shows how black text looks on a background with the XYZ color 74.1014, 76.2474, 79.9189.



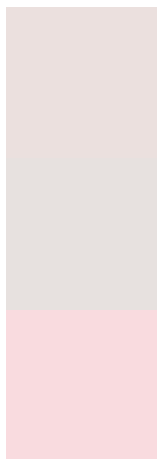
This preview shows how white text looks on a background with the XYZ color 74.1014, 76.2474,

79.9189.

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

74.1014, 76.2474, 79.9189

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

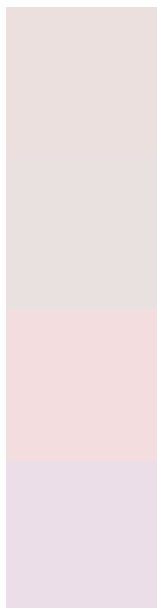
77.7177, 76.1305, 80.4105



Tritanopia

76.3615, 75.9494, 92.2964

Trichromacy



Original Color

74.1014, 76.2474, 79.9189

Protanomaly

73.5232, 76.3339, 80.6709

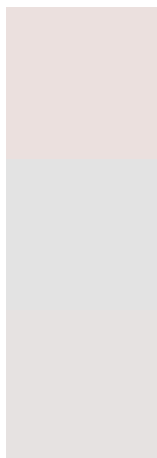
Deuteranomaly

76.4840, 76.2737, 80.5032

Tritanomaly

75.4213, 75.9586, 87.7771

Monochromacy



Original Color

74.1014, 76.2474, 79.9189

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4201, 76.6519, 82.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1014, 76.2474, 79.9189 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.1014, 76.2474, 79.9189 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, 222) }
```


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

```
.border{ border-color:rgb(235, 224, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1014, 76.2474, 79.9189 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, 222) }
```

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

```
.background{ background-color: rgb(235,  
224, 222) }
```

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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