

Converting Colors

XYZ(74.7547, 76.0725, 79.9697)

Have a look what the booklet for
XYZ(74.7547, 76.0725, 79.9697)
contains.

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Color

**XYZ(74.8324, 76.2264,
79.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDFDE
RGB	238, 223, 222
RGB Percent	93%, 87%, 87%
CMY	0.0667, 0.1255, 0.1294
CMYK	0.00, 0.06, 0.07, 0.07
HSL	4°, 32%, 90%
HSV	4°, 7%, 93%
XYZ	74.8324, 76.2264, 79.8763
YIQ	227.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

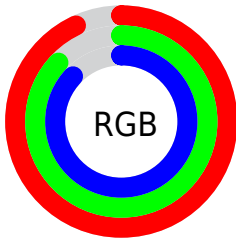
Format	Color
R _Y B	238, 223, 222
Decimal	15654878
CIE Lab	89.96, 4.95, 2.32
CIE LCh	90, 5.467, 25.105
Yxy	76.2264, 0.3240, 0.3301
Android (android.graphics.Color)	4293844958 (0xFFEEDFDE)
YUV	227.3710, -2.6479, 9.3216
Hunter-Lab	87.3077, 0.2057, 6.8720

Details

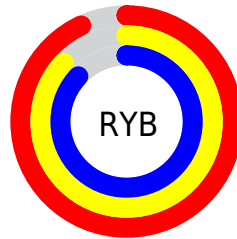
The XYZ color **74.8324, 76.2264, 79.8763** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8409, 82.2697, 92.7723**, and the grayscale version is **73.2995, 77.1167, 83.9801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2691, 40.7404, 42.3005** is the 20% darker color. If you saturate the color by 10%, you get **66.2932, 63.8970, 62.3873**, and if you desaturate by 10%, it is **84.6114, 90.3129, 100.0019**.

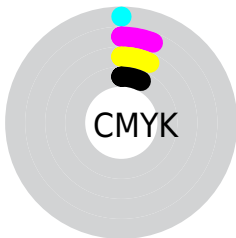
Distribution



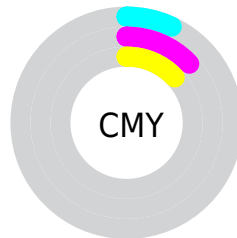
- Red (93%)
- Green (87%)
- Blue (87%)



- Red (93%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8324, 76.2264, 79.8763 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 74.8324, 76.2264, 79.8763 by changing the saturation by 10% instead.

74.8324, 76.2264,
79.8763

74.8324, 76.2264,
79.8763

466.3474,
482.1224, 514.2116

55.7693, 56.6182,
59.0910

125.0643,
128.0469, 135.0016

40.2542, 40.6988,
42.2659

156.9637,
161.0279, 170.1787

27.9219, 28.0838,
28.9824

193.8727,
199.2354, 210.9902

18.4070, 18.3888,
18.8221

236.1565,
243.0536, 257.8545

11.3440, 11.2295,
11.3663

284.1805,
292.8670, 311.1903

6.3677, 6.2214,
6.1965

338.3101,

3.1127, 2.9802,

349.0600, 371.4161

2.8942

398.9106,
412.0170, 438.9503

■ 1.2136, 1.1214,
1.0409

■ 0.1171, 0.0000,
0.0000

■ 74.8324, 76.2264,
79.8763

■ 74.8324, 76.2264,
79.8763

■ 66.2932, 63.8970,
62.3873

■ 84.6114, 90.3129,
100.0019

■ 58.9381, 53.2462,
47.4210

■ 89.0703, 96.9174,
108.6202

■ 52.7168, 44.2046,
34.8625

■ 47.5728, 36.6938,
24.5860

■ 43.4447, 30.6290,
16.4544

■ 40.2652, 25.9173,
10.3158

■ 37.9584, 22.4547,
5.9985

■ 36.4371, 20.1223,
3.3018

■ 35.5947, 18.7778,
1.9724

Harmonies

Analogous

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



75.0741, 76.2264, 83.6350



74.8324, 76.2264, 79.8763



73.9495, 76.2264, 77.0351

Triad

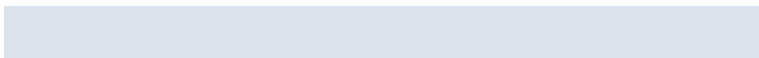
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8324, 76.2264, 79.8763



70.3379, 76.2264, 78.8077



72.2291, 76.2264, 90.6449

Complementary

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



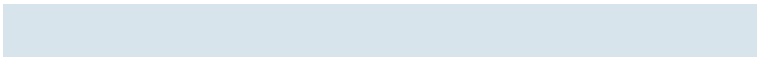
74.8324, 76.2264, 79.8763



75.8409, 82.2697, 92.7723

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.



70.9727, 76.2264, 89.2601



74.8324, 76.2264, 79.8763



69.8895, 76.2264, 82.3634

Square

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



74.8324, 76.2264, 79.8763



71.3527, 76.2264, 76.4317



70.1205, 76.2264, 86.1992



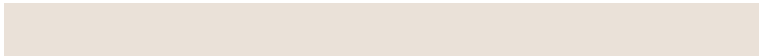
73.5603, 76.2264, 89.9291

Rectangle

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



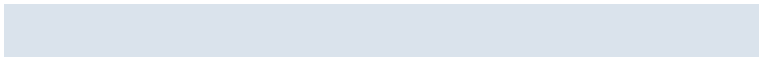
74.8324, 76.2264, 79.8763



73.1217, 76.2264, 76.0033



70.1205, 76.2264, 86.1992



71.7842, 76.2264, 90.4084

Sweetspot

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



74.8345, 76.2297, 79.8779



92.7337, 96.6639, 104.1307



76.6975, 76.5469, 91.0077



19.8731, 20.7250, 22.3382



0.0000, 0.0000, 0.0000



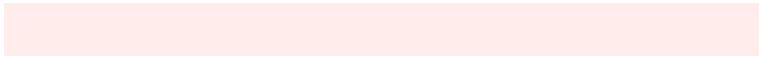
20.3446, 21.4041, 23.3091

Same Dimension

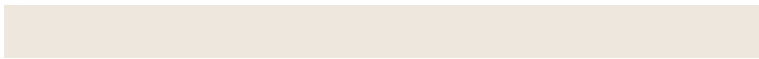
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8345, 76.2297, 79.8779



86.1386, 87.1570, 90.5776



76.9657, 80.4921, 80.5883



15.8524, 15.9180, 16.3867



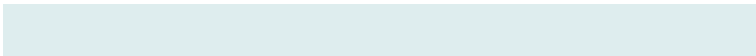
19.7972, 10.3925, 0.9625



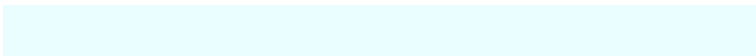
1.6747, 0.9201, 0.0893

Inverse Universe

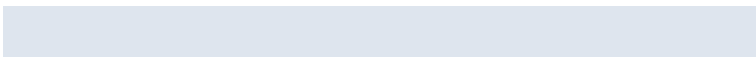
The Inverse Universe completely reimagines the original color for something new.



75.8409, 82.2697, 92.7723



87.5320, 95.5201, 108.4315



73.6326, 77.8531, 92.0362



16.1575, 17.7491, 20.2959



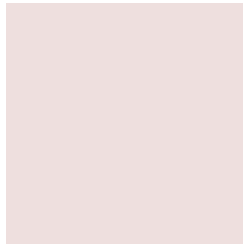
23.3773, 32.9788, 50.2613



1.9703, 2.7945, 4.1898

Previews

White Background



This preview shows how the XYZ color 74.8324, 76.2264, 79.8763 looks on a white background.

Color Contrast Check

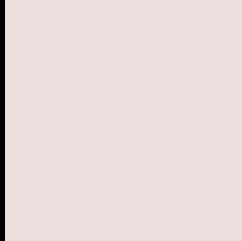
Large Text (above 18pt) WCAG AA × Fail

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 74.8324, 76.2264, 79.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

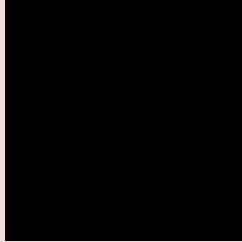
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

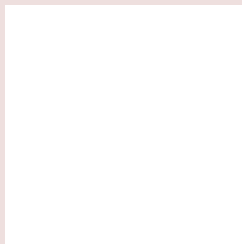
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8324, 76.2264, 79.8763

Background



This preview shows how black text looks on a background with the XYZ color 74.8324, 76.2264, 79.8763.



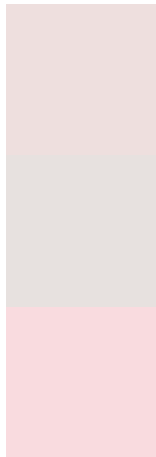
This preview shows how white text looks on a background with the XYZ color 74.8324, 76.2264,

79.8763.

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

74.8324, 76.2264, 79.8763

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

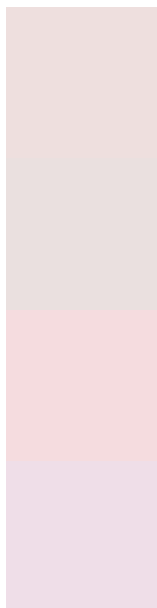
77.7177, 76.1305, 80.4105



Tritanopia

77.2242, 76.4112, 91.5676

Trichromacy



Original Color

74.8324, 76.2264, 79.8763

Protanomaly

73.9066, 76.1314, 80.6116

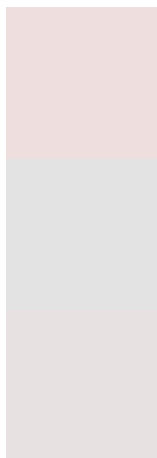
Deuteranomaly

76.5687, 75.9266, 80.4317

Tritanomaly

76.2834, 76.4195, 87.0738

Monochromacy



Original Color

74.8324, 76.2264, 79.8763

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7420, 76.8179, 82.1749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8324, 76.2264, 79.8763 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(238, 223, 222) looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 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(238, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.8324, 76.2264, 79.8763 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(238, 223, 222) }
```


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

```
.border{ border-color:rgb(238, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 223, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 223, 222); box-shadow:4px 4px 4px 4px rgb(238, 223, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8324, 76.2264, 79.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 222) }
```

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

```
.background{ background-color: rgb(238,  
223, 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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