

Converting Colors

XYZ(75.6284, 78.3924, 73.4326)

Have a look what the booklet for
XYZ(75.6284, 78.3924, 73.4326)
contains.

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Color

**XYZ(75.6284, 78.3924,
73.4326)**

Conversions

Conversions Part 1	
Format	Color
Hex	F1E3D4
RGB	241, 227, 212
RGB Percent	95%, 89%, 83%
CMY	0.0549, 0.1098, 0.1686
CMYK	0.00, 0.06, 0.12, 0.05
HSL	31°, 51%, 89%
HSV	31°, 12%, 95%
XYZ	75.6284, 78.3924, 73.4326
YIQ	229.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

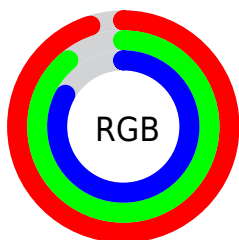
Format	Color
RYB	239, 241, 212
Decimal	15852500
CIELab	90.96, 2.30, 9.02
CIELCh	91, 9.309, 75.720
Yxy	78.3924, 0.3325, 0.3447
Android (android.graphics.Color)	4294042580 (0xFFFF1E3D4)
YUV	229.4760, -8.6157, 10.1065
Hunter-Lab	88.5395, -2.4735, 12.8039

Details

The XYZ color 75.6284, 78.3924, 73.4326 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 70.2248, 74.7393, 93.9448, and the grayscale version is 74.8833, 78.7831, 85.7948.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 40.8459, 42.2537, 37.9012 is the 20% darker color. If you saturate the color by 10%, you get 69.7385, 71.1196, 57.5732, and if you desaturate by 10%, it is 82.1913, 86.2835, 91.7569.

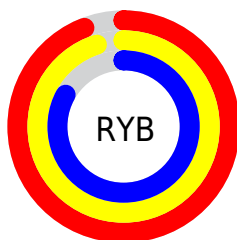
Distribution



Red (95%)

Green (89%)

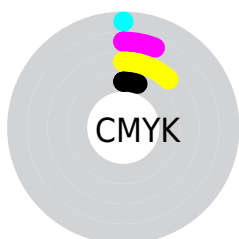
Blue (83%)



Red (94%)

Yellow (95%)

Blue (83%)

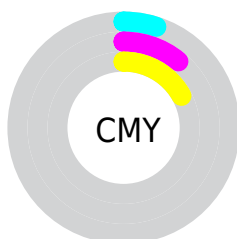


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (5%)



Cyan (5%)


Magenta (11%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6284, 78.3924, 73.4326 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 75.6284, 78.3924, 73.4326 by changing the saturation by 10% instead.


 75.6284, 78.3924,
73.4326

 75.6284, 78.3924,
73.4326


469.0387,
489.4984, 491.6237

 56.4238, 58.3964,
53.8358


126.1847,
131.1031, 125.8178

 40.7812, 42.1274,
38.0781


158.2671,
164.5866, 159.4432

 28.3351, 29.2011,
25.7410


195.3728,
203.3348, 198.5819

 18.7201, 19.2330,
16.4060

237.8672,
247.7319, 243.6524

 11.5710, 11.8387,
9.6544

286.1156,
298.1624, 295.0733

 6.5224, 6.6340,
5.0678


340.4834,


 3.2089, 3.2343,


355.0108, 353.2632


2.2277


401.3360,
418.6613, 418.6404


 1.2652, 1.2552,
0.6903


 0.1569, 0.1061,
0.0000

 75.6284, 78.3924,
73.4326


 75.6284, 78.3924,
73.4326


 69.7385, 71.1196,
57.5732


 82.1913, 86.2835,
91.7569

 64.4910, 64.4383,
44.0669

 88.5948, 94.4586,
108.1706

 59.8621, 58.3346,
32.8003

 90.0860, 97.4410,
108.6677

 55.8240, 52.7903,
23.6490

52.3464, 47.7857,
16.4759

49.3955, 43.2997,
11.1278

46.9333, 39.3091,
7.4283

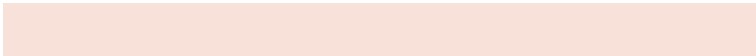
44.9147, 35.7875,
5.1655

43.5707, 33.2904,
4.1293

Harmonies

Analogous

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



77.7052, 78.3924, 76.4325



75.6284, 78.3924, 73.4326



73.2935, 78.3924, 73.5087

Triad

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



75.6284, 78.3924, 73.4326



70.2491, 78.3924, 88.9061



77.7877, 78.3924, 94.7019

Complementary

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



75.6284, 78.3924, 73.4326



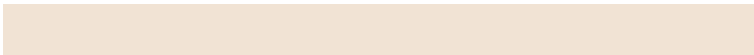
70.2248, 74.7393, 93.9448

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.



75.7391, 78.3924, 98.4124



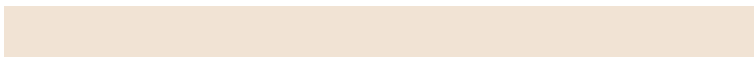
75.6284, 78.3924, 73.4326



71.4029, 78.3924, 94.9483

Square

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



75.6284, 78.3924, 73.4326



70.2209, 78.3924, 82.2073



73.4019, 78.3924, 98.5049



78.9695, 78.3924, 88.5840

Rectangle

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



75.6284, 78.3924, 73.4326



71.9056, 78.3924, 75.2862



73.4019, 78.3924, 98.5049



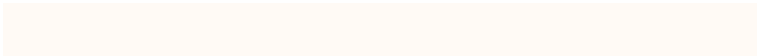
77.1757, 78.3924, 96.2859

Sweetspot

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



75.6305, 78.3959, 73.4343



91.9006, 96.2597, 99.9625



73.5499, 71.2808, 81.8466



19.5467, 20.4557, 21.0475



0.0000, 0.0000, 0.0000



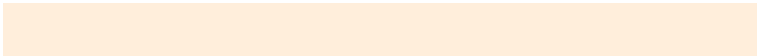
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6305, 78.3959, 73.4343



84.5736, 87.4061, 79.6386



79.4507, 86.2808, 74.7549



16.4493, 17.1117, 16.5856



23.7631, 18.3243, 2.2845



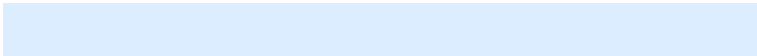
2.0765, 1.7236, 0.2233

Inverse Universe

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



70.2248, 74.7393, 93.9448



77.5018, 82.6226, 106.4707



66.7127, 67.5080, 92.7341



15.5268, 16.4877, 20.0857



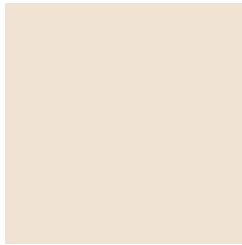
12.1496, 10.5234, 46.5187



1.1099, 1.0738, 3.9030

Previews

White Background



This preview shows how the XYZ color 75.6284, 78.3924, 73.4326 looks on a white background.

Color Contrast Check

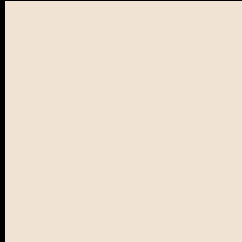
Large Text (above 18pt) WCAG AA × Fail

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 75.6284, 78.3924, 73.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

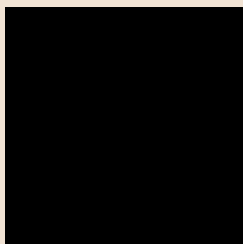
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

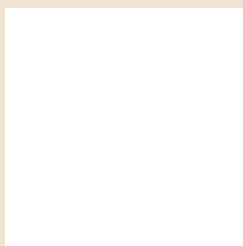
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6284, 78.3924, 73.4326

Background



This preview shows how black text looks on a background with the XYZ color 75.6284, 78.3924, 73.4326.

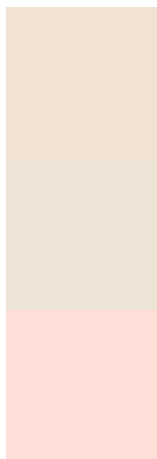


This preview shows how white text looks on a background with the XYZ color 75.6284, 78.3924,

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

75.6284, 78.3924, 73.4326

Protanopia

74.6787, 78.2954, 74.1273

Deuteranopia

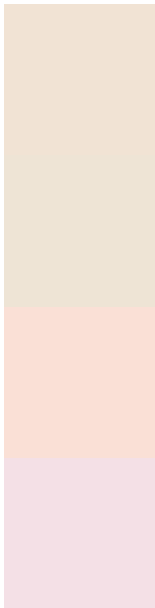
79.6270, 78.4088, 75.2276



Tritanopia

79.7720, 78.4791, 93.3816

Trichromacy



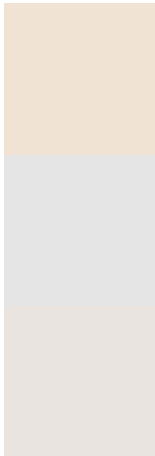
Original Color
75.6284, 78.3924, 73.4326

Protanomaly
75.0135, 78.4680, 74.1430

Deuteranomaly
78.2176, 78.4903, 74.6460

Tritanomaly
78.2468, 78.2576, 85.8441

Monochromacy



Original Color
75.6284, 78.3924, 73.4326

Achromatopsia
74.4753, 78.3538, 85.3273

Achromatomaly
74.6670, 78.1382, 80.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6284, 78.3924, 73.4326 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(241, 227, 212) looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 212)  
}
```

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(241, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.6284, 78.3924, 73.4326 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(241, 227, 212) }
```


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

```
.border{ border-color:rgb(241, 227, 212) }
```

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

Here you see how a box with a 4 pixel rgb(241, 227, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6284, 78.3924, 73.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 212) }
```

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

```
.background{ background-color: rgb(241,  
227, 212) }
```

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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