

Converting Colors

XYZ(75.8746, 78.4688, 78.0980)

Have a look what the booklet for
XYZ(75.8746, 78.4688, 78.0980)
contains.

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Color

**XYZ(75.8519, 78.4034,
78.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE3DB
RGB	239, 227, 219
RGB Percent	94%, 89%, 86%
CMY	0.0627, 0.1098, 0.1412
CMYK	0.00, 0.05, 0.08, 0.06
HSL	24°, 38%, 90%
HSV	24°, 8%, 94%
XYZ	75.8519, 78.4034, 78.1534
YIQ	229.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

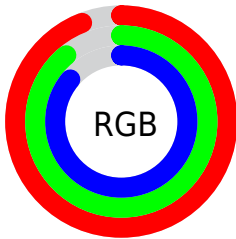
Format	Color
R_{YB}	239, 232, 219
Decimal	15721435
CIE Lab	90.96, 2.73, 5.35
CIE LCh	91, 6.005, 62.957
Yxy	78.4034, 0.3264, 0.3374
Android (android.graphics.Color)	4293911515 (0xFFEFE3DB)
YUV	229.6760, -5.2633, 8.1771
Hunter-Lab	88.5457, -2.0445, 9.6506

Details

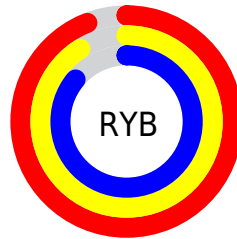
The XYZ color **75.8519, 78.4034, 78.1534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3692, 78.4426, 92.9362**, and the grayscale version is **75.0088, 78.9151, 85.9386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9818, 42.2527, 41.1176** is the 20% darker color. If you saturate the color by 10%, you get **69.1704, 69.7188, 61.5014**, and if you desaturate by 10%, it is **83.3161, 87.9285, 97.2970**.

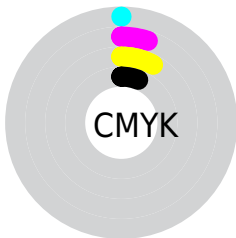
Distribution



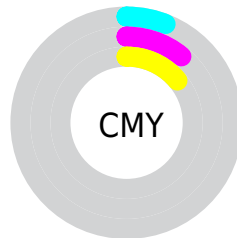
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (91%)
- Blue (86%)



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





- Cyan (6%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8519, 78.4034, 78.1534 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 75.8519, 78.4034, 78.1534 by changing the saturation by 10% instead.


 75.8519, 78.4034,
78.1534

 75.8519, 78.4034,
78.1534

469.7928,
489.5357, 508.2294

 56.6077, 58.4054,
57.6828


126.4990,
131.1186, 132.5542

 40.9293, 42.1347,
41.1407

158.6326,
164.6047, 167.3214

 28.4513, 29.2068,
28.1085


195.7934,
203.3555, 207.6914

 18.8083, 19.2373,
18.1677

238.3468,
247.7556, 254.0824

 11.6350, 11.8419,
10.8998

286.6581,
298.1892, 306.9132

 6.5661, 6.6361,
5.8862

341.0926,

 3.2361, 3.2356,

355.0409, 366.6023

2.7083

402.0157,
418.6949, 433.5682

■ 1.2798, 1.2559,
0.9476

■ 0.1681, 0.1067,
0.0000

■ 75.8519, 78.4034,
78.1534

■ 75.8519, 78.4034,
78.1534

■ 69.1704, 69.7188,
61.5014

■ 83.3161, 87.9285,
97.2970

■ 63.2379, 61.8409,
47.2323

■ 89.4070, 97.0909,
108.6359

■ 58.0279, 54.7484,
35.2370

■ 53.5096, 48.4155,
25.3957

■ 49.6497, 42.8145,
17.5776

■ 46.4120, 37.9159,
11.6373

■ 43.7559, 33.6876,
7.4098

■ 41.6345, 30.0944,
4.7006

■ 39.9853, 27.0933,
3.2341

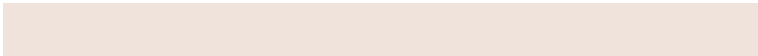
Harmonies

Analogous

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



76.9903, 78.4034, 80.9110



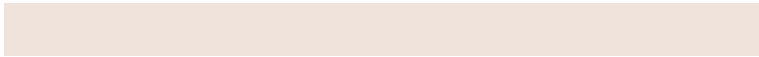
75.8519, 78.4034, 78.1534



74.3700, 78.4034, 77.3072

Triad

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



75.8519, 78.4034, 78.1534



71.6496, 78.4034, 85.7989



76.1155, 78.4034, 92.5586

Complementary

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



75.8519, 78.4034, 78.1534



73.3692, 78.4426, 92.9362

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.



74.6704, 78.4034, 93.9704



75.8519, 78.4034, 78.1534



72.1033, 78.4034, 89.9857

Square

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



75.8519, 78.4034, 78.1534



71.9564, 78.4034, 81.6321



73.2039, 78.4034, 93.0134



77.1439, 78.4034, 89.2161

Rectangle

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



75.8519, 78.4034, 78.1534



73.3900, 78.4034, 77.9167



73.2039, 78.4034, 93.0134



75.6617, 78.4034, 93.2798

Sweetspot

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



75.8541, 78.4068, 78.1551



92.3962, 96.6244, 102.0597



75.3530, 74.7844, 86.0656



19.6278, 20.4917, 21.4634



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.



75.8541, 78.4068, 78.1551



86.5263, 89.0921, 87.1314



78.6679, 84.0346, 79.0930



16.2920, 16.7971, 16.5332



22.0857, 14.9694, 1.7253



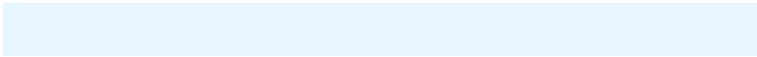
1.9321, 1.4349, 0.1751

Inverse Universe

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



73.3692, 78.4426, 92.9362



83.1131, 89.1409, 107.4331



70.6510, 73.0062, 92.0301



15.6858, 16.8058, 20.1387



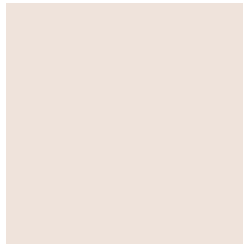
14.1988, 14.6218, 47.2018



1.2783, 1.4105, 3.9591

Previews

White Background



This preview shows how the XYZ color 75.8519, 78.4034, 78.1534 looks on a white background.

Color Contrast Check

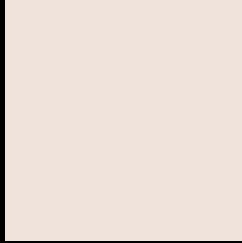
Large Text (above 18pt) WCAG AA × Fail

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 75.8519, 78.4034, 78.1534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

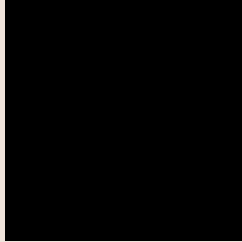
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

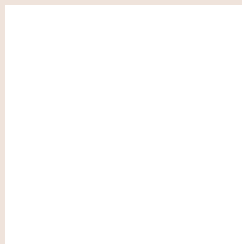
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8519, 78.4034, 78.1534

Background



This preview shows how black text looks on a background with the XYZ color 75.8519, 78.4034, 78.1534.

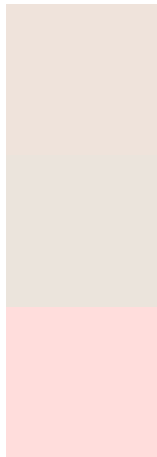


This preview shows how white text looks on a background with the XYZ color 75.8519, 78.4034,

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

75.8519, 78.4034, 78.1534

Protanopia

74.9226, 78.3163, 78.8779

Deuteranopia

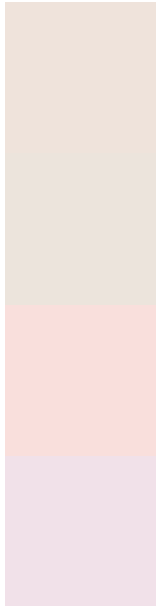
80.0147, 78.1402, 78.5755



Tritanopia

79.1508, 78.5394, 94.2070

Trichromacy



Original Color

75.8519, 78.4034, 78.1534

Protanomaly

75.2537, 78.4870, 78.8934

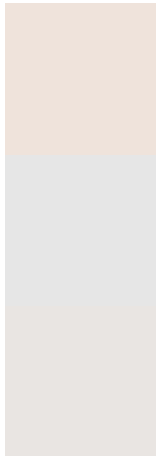
Deuteranomaly

78.3729, 78.0824, 78.6509

Tritanomaly

77.9088, 78.4344, 88.1239

Monochromacy



Original Color

75.8519, 78.4034, 78.1534

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3511, 78.8532, 83.2003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8519, 78.4034, 78.1534 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(239, 227, 219) looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 219)  
}
```

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(239, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.8519, 78.4034, 78.1534 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(239, 227, 219) }
```


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

```
.border{ border-color:rgb(239, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8519, 78.4034, 78.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 219) }
```

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

```
.background{ background-color: rgb(239,  
227, 219) }
```

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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