

Converting Colors

XYZ(76.3159, 79.2000, 79.1672)

Have a look what the booklet for
XYZ(76.3159, 79.2000, 79.1672)
contains.

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Color

**XYZ(76.2583, 79.0048,
78.9404)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE4DC
RGB	239, 228, 220
RGB Percent	94%, 89%, 86%
CMY	0.0627, 0.1059, 0.1372
CMYK	0.00, 0.05, 0.08, 0.06
HSL	25°, 37%, 90%
HSV	25°, 8%, 94%
XYZ	76.2583, 79.0048, 78.9404
YIQ	230.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

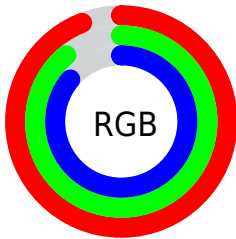
Format	Color
R_{YB}	239, 234, 220
Decimal	15721692
CIE Lab	91.24, 2.38, 5.22
CIE LCh	91, 5.738, 65.478
Yxy	79.0048, 0.3256, 0.3373
Android (android.graphics.Color)	4293911772 (0xFFEFE4DC)
YUV	230.3770, -5.1159, 7.5624
Hunter-Lab	88.8846, -2.4046, 9.5625

Details

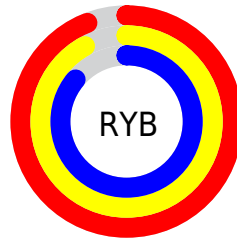
The XYZ color **76.2583, 79.0048, 78.9404** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.6711, 78.5983, 92.9505**, and the grayscale version is **75.5268, 79.4601, 86.5320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2635, 42.6710, 41.6588** is the 20% darker color. If you saturate the color by 10%, you get **69.6630, 70.5223, 62.2257**, and if you desaturate by 10%, it is **83.6150, 88.2842, 98.1434**.

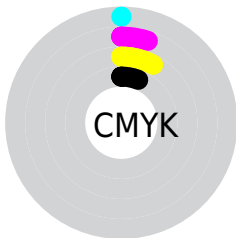
Distribution



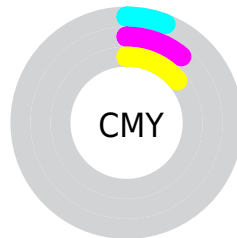
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (92%)
- 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 76.2583, 79.0048, 78.9404 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 76.2583, 79.0048, 78.9404 by changing the saturation by 10% instead.

76.2583, 79.0048,
78.9404

76.2583, 79.0048,
78.9404

471.1623,
491.5726, 510.9670

56.9421, 58.8998,
58.3258

127.0704,
131.9656, 133.6729

41.1987, 42.5324,
41.6542

159.2970,
165.5902, 168.6278

28.6628, 29.5184,
28.5071

196.5578,
204.4900, 209.1999

18.9689, 19.4733,
18.4659

239.2182,
249.0496, 255.8077

11.7516, 12.0128,
11.1121

287.6434,
299.6532, 308.8698

6.6458, 6.7524,
6.0272

342.1990,

3.2859, 3.3077,

356.6853, 368.8047

2.7925

403.2501,
420.5303, 436.0309

■ 1.3067, 1.2944,
0.9897

■ 0.1882, 0.1369,
0.0000

■ 76.2583, 79.0048,
78.9404

■ 76.2583, 79.0048,
78.9404

■ 69.6630, 70.5223,
62.2257

■ 83.6150, 88.2842,
98.1434

■ 63.7964, 62.8045,
47.8913

■ 89.4070, 97.0909,
108.6359

■ 58.6329, 55.8319,
35.8285

■ 54.1426, 49.5804,
25.9184

■ 50.2934, 44.0244,
18.0309

■ 47.0503, 39.1366,
12.0218

■ 44.3737, 34.8871,
7.7273

■ 42.2187, 31.2433,
4.9549

■ 40.5260, 28.1659,
3.4413

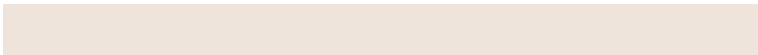
Harmonies

Analogous

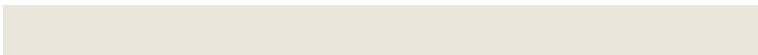
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3920, 79.0048, 81.4580



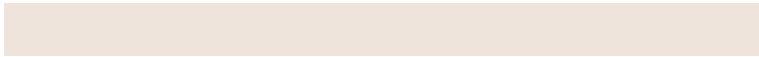
76.2583, 79.0048, 78.9404



74.8251, 79.0048, 78.2945

Triad

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



76.2583, 79.0048, 78.9404



72.3424, 79.0048, 86.7895



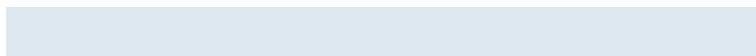
76.7264, 79.0048, 92.7107

Complementary

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



76.2583, 79.0048, 78.9404



73.6711, 78.5983, 92.9505

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.



75.3589, 79.0048, 94.2436



76.2583, 79.0048, 78.9404



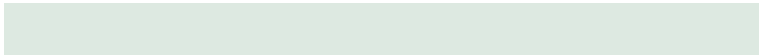
72.8374, 79.0048, 90.7551

Square

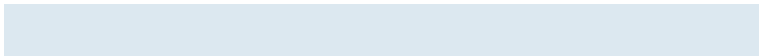
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2583, 79.0048, 78.9404



72.5762, 79.0048, 82.7415



73.9370, 79.0048, 93.5166



77.6647, 79.0048, 89.3897

Rectangle

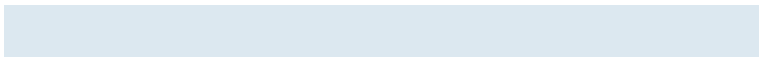
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2583, 79.0048, 78.9404



73.8952, 79.0048, 78.9937



73.9370, 79.0048, 93.5166



76.3010, 79.0048, 93.4570

Sweetspot

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



76.2605, 79.0083, 78.9421



93.3053, 97.8071, 104.3212



75.6265, 75.3126, 86.2150



19.9895, 20.9578, 22.3770



0.0000, 0.0000, 0.0000



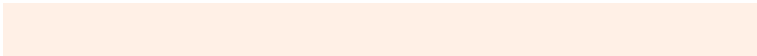
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2605, 79.0083, 78.9421



86.6843, 89.4081, 87.1840



78.9209, 84.3291, 79.8289



16.3201, 16.8532, 16.5426



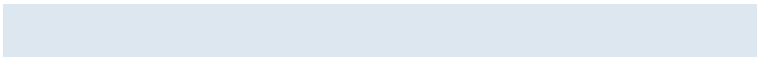
22.3495, 15.4972, 1.8133



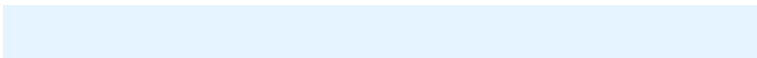
1.9556, 1.4819, 0.1830

Inverse Universe

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



73.6711, 78.5983, 92.9505



82.9512, 88.8169, 107.3791



71.1071, 73.4704, 92.0958



15.6571, 16.7483, 20.1291



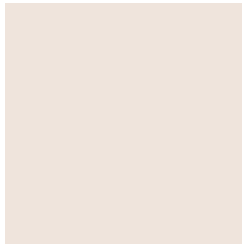
13.7902, 13.8047, 47.0656



1.2454, 1.3449, 3.9482

Previews

White Background



This preview shows how the XYZ color 76.2583, 79.0048, 78.9404 looks on a white background.

Color Contrast Check

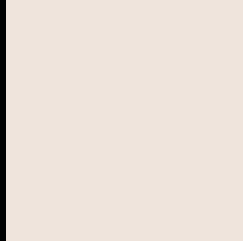
Large Text (above 18pt) WCAG AA × Fail

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 76.2583, 79.0048, 78.9404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

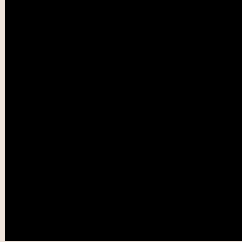
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

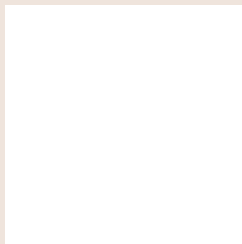
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2583, 79.0048, 78.9404

Background



This preview shows how black text looks on a background with the XYZ color 76.2583, 79.0048, 78.9404.

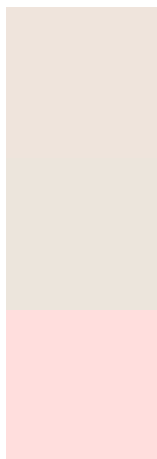


This preview shows how white text looks on a background with the XYZ color 76.2583, 79.0048,

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

76.2583, 79.0048, 78.9404

Protanopia

75.5297, 79.0388, 78.9853

Deuteranopia

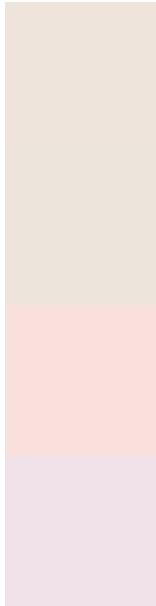
80.4124, 78.7230, 79.3635



Tritanopia

79.5702, 79.1385, 95.0859

Trichromacy



Original Color

76.2583, 79.0048, 78.9404

Protanomaly

75.8626, 79.2105, 79.0009

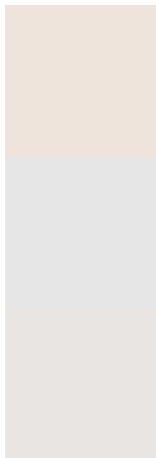
Deuteranomaly

78.7737, 78.6715, 79.4399

Tritanomaly

78.3233, 79.0340, 88.9689

Monochromacy



Original Color

76.2583, 79.0048, 78.9404

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 76.2583, 79.0048, 78.9404 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, 228, 220) looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 220)  
}
```

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, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.2583, 79.0048, 78.9404 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, 228, 220) }
```


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

```
.border{ border-color:rgb(239, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2583, 79.0048, 78.9404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 220) }
```

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

```
.background{ background-color: rgb(239,  
228, 220) }
```

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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