

Converting Colors

XYZ(75.9481, 79.5079, 78.9973)

Have a look what the booklet for
XYZ(75.9481, 79.5079, 78.9973)
contains.

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Color

**XYZ(76.1401, 79.7655,
79.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6DC
RGB	237, 230, 220
RGB Percent	93%, 90%, 86%
CMY	0.0706, 0.0980, 0.1372
CMYK	0.00, 0.03, 0.07, 0.07
HSL	35°, 32%, 90%
HSV	35°, 7%, 93%
XYZ	76.1401, 79.7655, 79.0934
YIQ	230.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

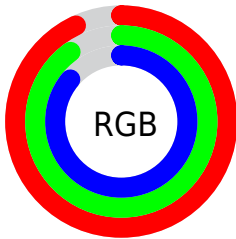
Format	Color
R _Y B	232, 237, 220
Decimal	15591132
CIE Lab	91.58, 0.66, 5.70
CIE LCh	92, 5.734, 83.366
Yxy	79.7655, 0.3240, 0.3394
Android (android.graphics.Color)	4293781212 (0xFFE6DC)
YUV	230.9530, -5.3998, 5.3032
Hunter-Lab	89.3115, -4.1199, 10.0114

Details

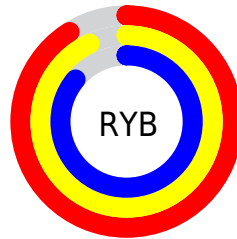
The XYZ color **76.1401, 79.7655, 79.0934** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2701, 76.2668, 91.0334**, and the grayscale version is **75.9576, 79.9134, 87.0256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1776, 43.2003, 41.7655** is the 20% darker color. If you saturate the color by 10%, you get **70.5833, 73.3235, 62.8374**, and if you desaturate by 10%, it is **82.2982, 86.6962, 97.7472**.

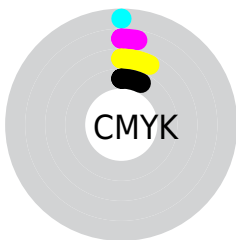
Distribution



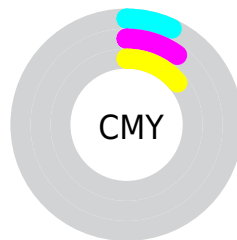
- Red (93%)
- Green (90%)
- Blue (86%)



- Red (91%)
- Yellow (93%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1401, 79.7655, 79.0934 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 76.1401, 79.7655, 79.0934 by changing the saturation by 10% instead.

76.1401, 79.7655,
79.0934

76.1401, 79.7655,
79.0934

470.7642,
494.1422, 511.4982

56.8449, 59.5254,
58.4508

126.9042,
133.0360, 133.8902

41.1203, 43.0362,
41.7541

159.1038,
166.8352, 168.8815

28.6012, 29.9135,
28.5847

196.3356,
205.9228, 209.4928

18.9221, 19.7730,
18.5240

238.9648,
250.6834, 256.1427

11.7177, 12.2301,
11.1535

287.3570,
301.5012, 309.2496

6.6226, 6.9006,
6.0547

341.8773,

3.2714, 3.4000,

358.7607, 369.2321

2.8091

402.8913,
422.8462, 436.5088

■ 1.2989, 1.3440,
0.9980

■ 0.1824, 0.1749,
0.0000

■ 76.1401, 79.7655,
79.0934

■ 76.1401, 79.7655,
79.0934

■ 70.5833, 73.3235,
62.8374

■ 82.2982, 86.6962,
97.7472

■ 65.6002, 67.3474,
48.8751

■ 87.0091, 93.2922,
108.0291

■ 61.1704, 61.8276,
37.1024

■ 88.7354, 96.7447,
108.6045

■ 57.2699, 56.7504,
27.4050

■ 53.8724, 52.1011,
19.6582

■ 50.9493, 47.8637,
13.7237

■ 48.4680, 44.0207,
9.4448

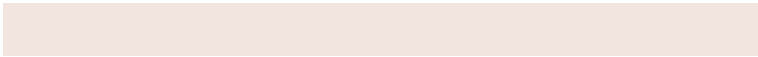
■ 46.3909, 40.5525,
6.6377

■ 44.6699, 37.4351,
5.0637

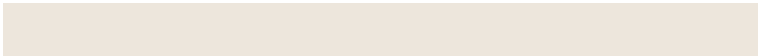
Harmonies

Analogous

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



77.5053, 79.7655, 80.5464



76.1401, 79.7655, 79.0934



74.7047, 79.7655, 79.6647

Triad

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



76.1401, 79.7655, 79.0934



73.2621, 79.7655, 90.0849



78.0941, 79.7655, 91.7466

Complementary

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



76.1401, 79.7655, 79.0934



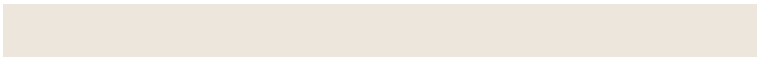
72.2701, 76.2668, 91.0334

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.



76.9356, 79.7655, 94.4571



76.1401, 79.7655, 79.0934



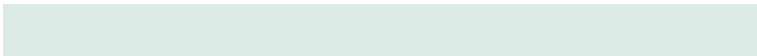
74.1488, 79.7655, 93.4764

Square

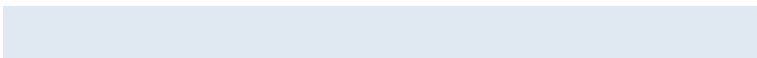
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1401, 79.7655, 79.0934



73.0552, 79.7655, 85.9238



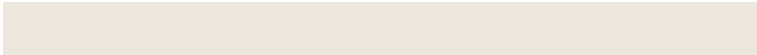
75.4903, 79.7655, 95.1001



78.6428, 79.7655, 87.7849

Rectangle

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



76.1401, 79.7655, 79.0934



73.8999, 79.7655, 81.1260



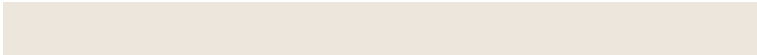
75.4903, 79.7655, 95.1001



77.7624, 79.7655, 92.8393

Sweetspot

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



76.1423, 79.7690, 79.0951



93.5738, 98.3442, 104.4107



74.3958, 74.7427, 83.2401



20.0442, 21.0671, 22.3952



0.0000, 0.0000, 0.0000



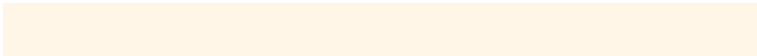
20.3446, 21.4041, 23.3091

Same Dimension

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



76.1423, 79.7690, 79.0951



88.6335, 92.7309, 89.6085



77.6572, 83.4981, 79.7351



15.8022, 16.5274, 15.8760



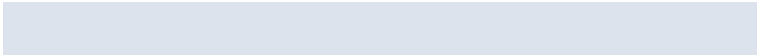
24.2786, 20.2514, 2.6293



2.0008, 1.7789, 0.2379

Inverse Universe

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



72.2701, 76.2668, 91.0334



82.9466, 87.5875, 107.1421



70.8262, 72.7396, 90.4287



14.7403, 15.5670, 19.1501



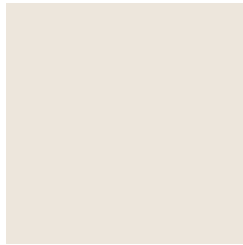
10.8280, 8.3030, 44.7749



0.9429, 0.8373, 3.5468

Previews

White Background



This preview shows how the XYZ color 76.1401, 79.7655, 79.0934 looks on a white background.

Color Contrast Check

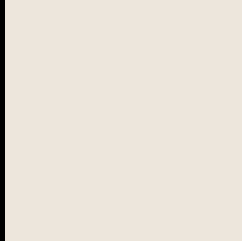
Large Text (above 18pt) WCAG AA × Fail

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 76.1401, 79.7655, 79.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

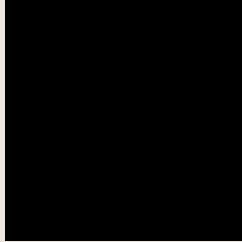
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

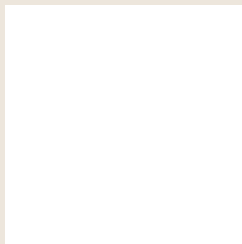
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1401, 79.7655, 79.0934

Background



This preview shows how black text looks on a background with the XYZ color 76.1401, 79.7655, 79.0934.



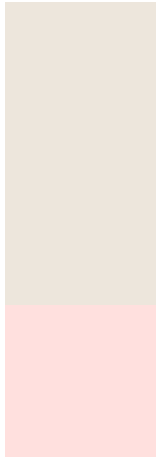
This preview shows how white text looks on a background with the XYZ color 76.1401, 79.7655,

79.0934.

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

76.1401, 79.7655, 79.0934

Protanopia

76.1401, 79.7655, 79.0934

Deuteranopia

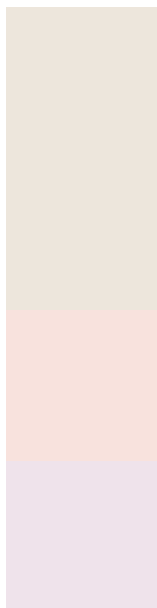
81.0805, 79.8452, 80.2455



Tritanopia

79.4607, 79.4496, 96.7352

Trichromacy



Original Color

76.1401, 79.7655, 79.0934

Protanomaly

76.1401, 79.7655, 79.0934

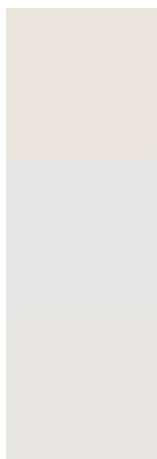
Deuteranomaly

78.9589, 79.5696, 79.6035

Tritanomaly

78.0611, 79.2871, 89.7869

Monochromacy



Original Color

76.1401, 79.7655, 79.0934

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.0453, 80.0215, 84.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1401, 79.7655, 79.0934 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(237, 230, 220) looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 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(237, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.1401, 79.7655, 79.0934 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(237, 230, 220) }
```


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

```
.border{ border-color:rgb(237, 230, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 220);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1401, 79.7655, 79.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 220) }
```

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

```
.background{ background-color: rgb(237,  
230, 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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