

Converting Colors

XYZ(76.3764, 80.4646, 80.8262)

Have a look what the booklet for
XYZ(76.3764, 80.4646, 80.8262)
contains.

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Color

**XYZ(76.3528, 80.2586,
80.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE7DE
RGB	236, 231, 222
RGB Percent	93%, 91%, 87%
CMY	0.0745, 0.0941, 0.1294
CMYK	0.00, 0.02, 0.06, 0.07
HSL	39°, 27%, 90%
HSV	39°, 6%, 93%
XYZ	76.3528, 80.2586, 80.5745
YIQ	231.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

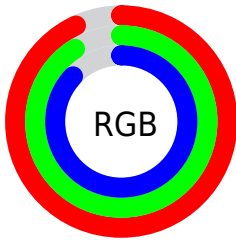
Format	Color
RYB	230, 236, 222
Decimal	15525854
CIELab	91.80, 0.14, 4.96
CIELCh	92, 4.964, 88.374
Yxy	80.2586, 0.3219, 0.3384
Android (android.graphics.Color)	4293715934 (0xFFECE7DE)
YUV	231.4690, -4.6682, 3.9737
Hunter-Lab	89.5872, -4.6467, 9.3857

Details

The XYZ color **76.3528, 80.2586, 80.5745** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7336, 76.5228, 90.2947**, and the grayscale version is **76.3376, 80.3131, 87.4610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1274, 43.1533, 42.7210** is the 20% darker color. If you saturate the color by 10%, you get **71.1086, 74.4823, 64.2979**, and if you desaturate by 10%, it is **82.1577, 86.4459, 99.2243**.

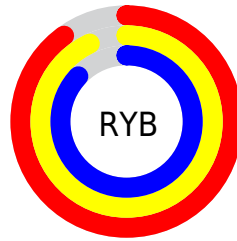
Distribution



Red (93%)

Green (91%)

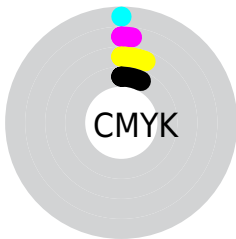
Blue (87%)



Red (90%)

Yellow (93%)

Blue (87%)

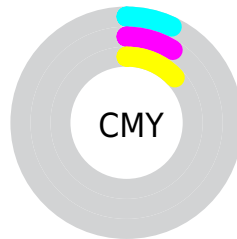


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3528, 80.2586, 80.5745 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 76.3528, 80.2586, 80.5745 by changing the saturation by 10% instead.

76.3528, 80.2586,
80.5745

76.3528, 80.2586,
80.5745

471.4804,
495.8039, 516.6246

57.0199, 59.9312,
59.6623

127.2032,
133.7292, 135.9918

41.2614, 43.3632,
42.7230

159.4514,
167.6413, 171.3340

28.7120, 30.1702,
29.3380

196.7354,
206.8503, 212.3233

19.0062, 19.9678,
19.0889

239.4207,
251.7407, 259.3782

11.7788, 12.3716,
11.5571

287.8724,
302.6968, 312.9172

6.6644, 6.9973,
6.3240

342.4560,

3.2976, 3.4604,

360.1031, 373.3589

2.9711

403.5369,
424.3440, 441.1218

■ 1.3130, 1.3766,
1.0799

■ 0.1929, 0.1994,
0.0000

■ 76.3528, 80.2586,
80.5745

■ 76.3528, 80.2586,
80.5745

■ 71.1086, 74.4823,
64.2979

■ 82.1577, 86.4459,
99.2243

■ 66.3986, 69.0959,
50.2925

■ 86.1634, 92.0948,
107.8425

■ 62.2038, 64.0921,
38.4565

■ 88.4025, 96.5731,
108.5889

■ 58.5015, 59.4590,
28.6781

■ 55.2669, 55.1840,
20.8357

■ 52.4730, 51.2535,
14.7946

■ 50.0891, 47.6526,
10.4028

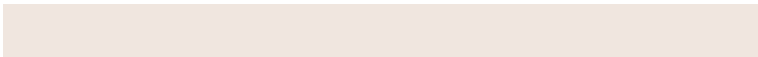
■ 48.0798, 44.3640,
7.4827

■ 46.4018, 41.3675,
5.8148

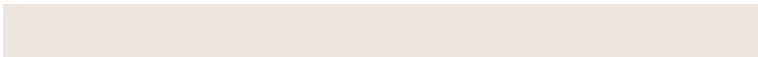
Harmonies

Analogous

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



77.5725, 80.2586, 81.5609



76.3528, 80.2586, 80.5745



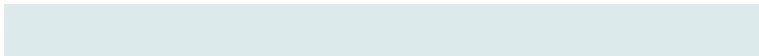
75.1275, 80.2586, 81.3712

Triad

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



76.3528, 80.2586, 80.5745



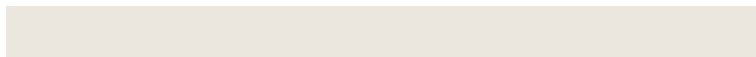
74.1525, 80.2586, 90.7576



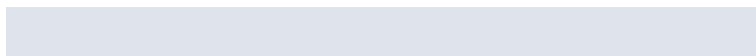
78.3840, 80.2586, 91.1110

Complementary

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



76.3528, 80.2586, 80.5745



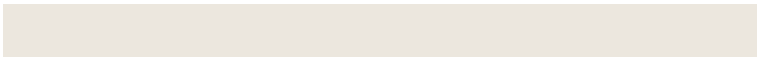
72.7336, 76.5228, 90.2947

Split Complementary

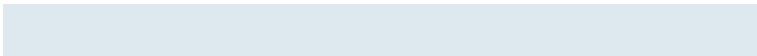
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4511, 80.2586, 93.6942



76.3528, 80.2586, 80.5745



75.0086, 80.2586, 93.4862

Square

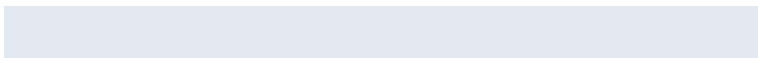
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3528, 80.2586, 80.5745



73.8657, 80.2586, 87.1894



76.2140, 80.2586, 94.5751



78.7533, 80.2586, 87.5868

Rectangle

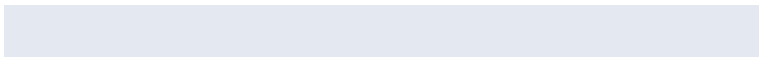
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3528, 80.2586, 80.5745



74.4705, 80.2586, 82.8191



76.2140, 80.2586, 94.5751



78.1254, 80.2586, 92.1218

Sweetspot

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



76.3550, 80.2621, 80.5762



93.6618, 98.5202, 104.4401



74.5980, 75.6300, 83.4370



20.0621, 21.1030, 22.4012



0.0000, 0.0000, 0.0000



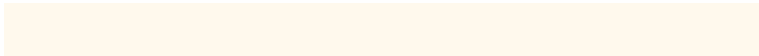
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3550, 80.2621, 80.5762



90.3095, 94.9063, 93.7946



77.1568, 82.7809, 81.0202



16.0906, 16.9073, 16.5793



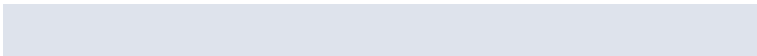
25.3645, 22.4232, 2.9913



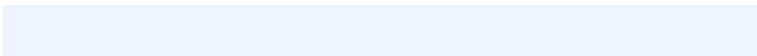
2.0820, 1.9413, 0.2650

Inverse Universe

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



72.7336, 76.5228, 90.2947



85.2315, 89.6630, 107.4223



71.9619, 74.1259, 89.8728



15.1160, 15.9010, 19.1948



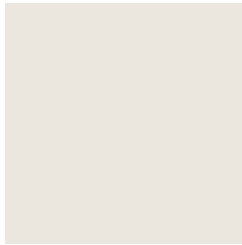
10.2134, 7.0738, 44.5700



0.8901, 0.7316, 3.5292

Previews

White Background



This preview shows how the XYZ color 76.3528, 80.2586, 80.5745 looks on a white background.

Color Contrast Check

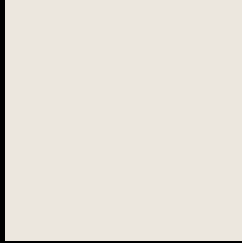
Large Text (above 18pt) WCAG AA × Fail

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 76.3528, 80.2586, 80.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

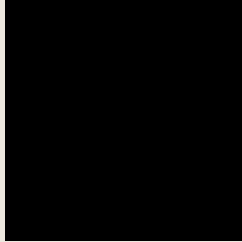
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

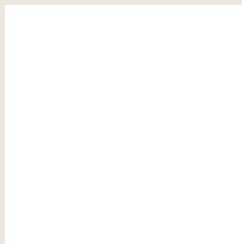
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3528, 80.2586, 80.5745

Background



This preview shows how black text looks on a background with the XYZ color 76.3528, 80.2586, 80.5745.



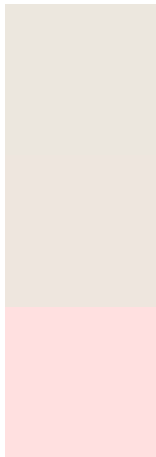
This preview shows how white text looks on a background with the XYZ color 76.3528, 80.2586,

80.5745.

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

76.3528, 80.2586, 80.5745

Protanopia

76.7415, 80.0447, 80.5127

Deuteranopia

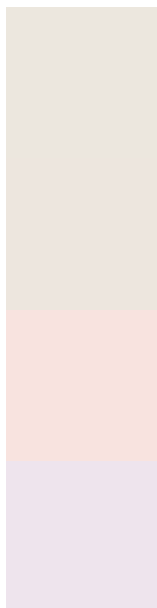
81.3502, 79.9531, 81.6659



Tritanopia

79.5471, 79.8815, 97.6123

Trichromacy



Original Color

76.3528, 80.2586, 80.5745

Protanomaly

76.4067, 79.8721, 80.4970

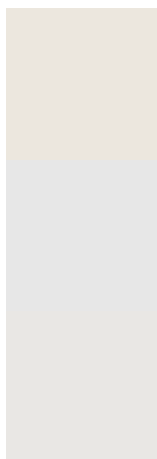
Deuteranomaly

79.4998, 80.2223, 81.1064

Tritanomaly

78.2894, 79.7784, 91.3932

Monochromacy



Original Color

76.3528, 80.2586, 80.5745

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.1838, 80.0769, 84.8399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3528, 80.2586, 80.5745 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(236, 231, 222) looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 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(236, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 222) }
```

Border

The CSS property to change the border of an element to XYZ 76.3528, 80.2586, 80.5745 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(236, 231, 222) }
```


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

```
.border{ border-color:rgb(236, 231, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3528, 80.2586, 80.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 222) }
```

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

```
.background{ background-color: rgb(236,  
231, 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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