

Converting Colors

XYZ(74.5841, 76.6076, 80.9980)

Have a look what the booklet for
XYZ(74.5841, 76.6076, 80.9980)
contains.

XYZ(74.5670, 76.4719, 80.6425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.5670, 76.4719,
80.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0DF
RGB	236, 224, 223
RGB Percent	93%, 88%, 87%
CMY	0.0745, 0.1215, 0.1255
CMYK	0.00, 0.05, 0.06, 0.07
HSL	5°, 25%, 90%
HSV	5°, 6%, 93%
XYZ	74.5670, 76.4719, 80.6425
YIQ	227.4740, 7.4730, 2.2330

Conversions

Conversions Part 2

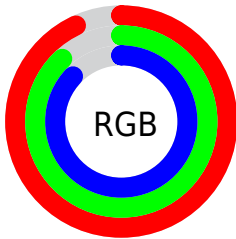
Format	Color
R_{YB}	236, 224, 223
Decimal	15524063
CIE Lab	90.08, 3.91, 1.94
CIE LCh	90, 4.369, 26.370
Yxy	76.4719, 0.3219, 0.3301
Android (android.graphics.Color)	4293714143 (0xFFECE0DF)
YUV	227.4740, -2.2057, 7.4773
Hunter-Lab	87.4482, -0.8276, 6.5380

Details

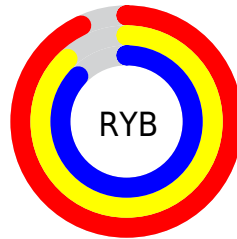
The XYZ color **74.5670, 76.4719, 80.6425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2799, 81.1594, 91.0555**, and the grayscale version is **73.3723, 77.1934, 84.0636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0782, 40.9064, 42.8292** is the 20% darker color. If you saturate the color by 10%, you get **66.1221, 64.3236, 63.2082**, and if you desaturate by 10%, it is **84.2093, 90.3035, 100.6658**.

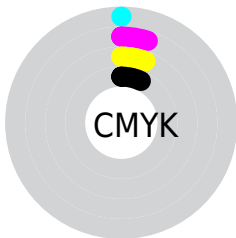
Distribution



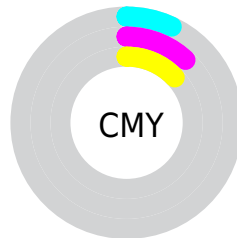
- Red (93%)
- Green (88%)
- Blue (87%)



- Red (93%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5670, 76.4719, 80.6425 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 74.5670, 76.4719, 80.6425 by changing the saturation by 10% instead.

74.5670, 76.4719,
80.6425

74.5670, 76.4719,
80.6425

465.4481,
482.9616, 516.8592

55.5512, 56.8195,
59.7179

124.6904,
128.3937, 136.0882

40.0788, 40.8604,
42.7675

156.5287,
161.4320, 171.4465

27.7844, 28.2100,
29.3727

193.3719,
199.7011, 212.4530

18.3029, 18.4840,
19.1149

235.5853,
243.5853, 259.5264

11.2686, 11.2980,
11.5757

283.5342,
293.4690, 313.0852

6.3164, 6.2677,
6.3365

337.5841,

3.0809, 3.0085,

349.7367, 373.5479

2.9786

398.1003,
412.7728, 441.3330

■ 1.1967, 1.1362,
1.0837

■ 0.1038, 0.0086,
0.0000

■ 74.5670, 76.4719,
80.6425

■ 74.5670, 76.4719,
80.6425

■ 66.1221, 64.3236,
63.2082

■ 84.2093, 90.3035,
100.6658

■ 58.8218, 53.7848,
48.2526

■ 88.4025, 96.5731,
108.5889

■ 52.6186, 44.7909,
35.6645

■ 47.4594, 37.2694,
25.3225

■ 43.2867, 31.1417,
17.0944

■ 40.0372, 26.3221,
10.8341

■ 37.6405, 22.7152,
6.3771

■ 36.0156, 20.2128,
3.5318

■ 35.0661, 18.6873,
2.0634

Harmonies

Analogous

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



74.7835, 76.4719, 83.6432



74.5670, 76.4719, 80.6425



73.8443, 76.4719, 78.3947

Triad

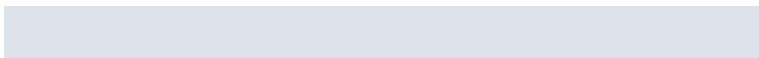
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5670, 76.4719, 80.6425



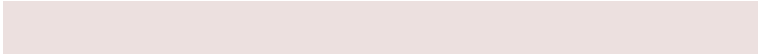
70.9632, 76.4719, 80.0037



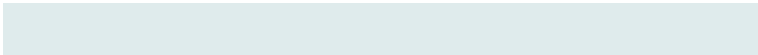
72.5524, 76.4719, 89.3631

Complementary

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



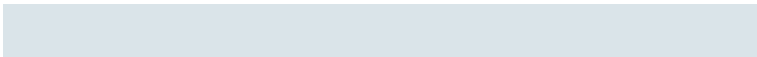
74.5670, 76.4719, 80.6425



75.2799, 81.1594, 91.0555

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.



71.5364, 76.4719, 88.3328



74.5670, 76.4719, 80.6425



70.6247, 76.4719, 82.8877

Square

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



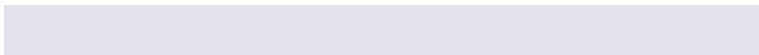
74.5670, 76.4719, 80.6425



71.7627, 76.4719, 78.0323



70.8335, 76.4719, 85.9435



73.6136, 76.4719, 88.7263

Rectangle

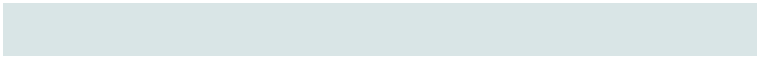
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



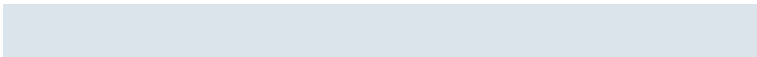
74.5670, 76.4719, 80.6425



73.1763, 76.4719, 77.5994



70.8335, 76.4719, 85.9435



72.1944, 76.4719, 89.1996

Sweetspot

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



74.5691, 76.4752, 80.6441



92.7567, 96.7099, 104.1384



75.9954, 76.6152, 89.4821



19.8778, 20.7344, 22.3398



0.0000, 0.0000, 0.0000



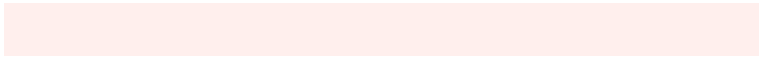
20.3446, 21.4041, 23.3091

Same Dimension

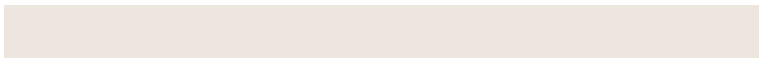
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5691, 76.4752, 80.6441



87.2767, 88.8406, 92.7837



76.3113, 79.9596, 81.2249



15.5092, 15.7444, 16.3855



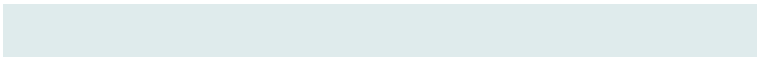
19.2246, 10.1435, 0.9446



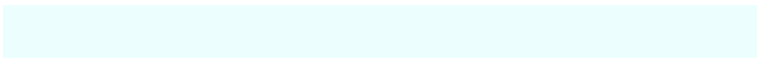
1.5422, 0.8617, 0.0850

Inverse Universe

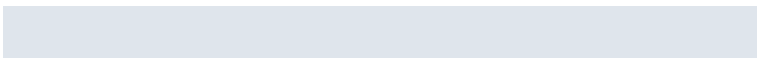
The Inverse Universe completely reimagines the original color for something new.



75.2799, 81.1594, 91.0555



88.3469, 95.8938, 108.4607



73.4908, 77.5811, 90.4591



15.7146, 17.0981, 19.3943



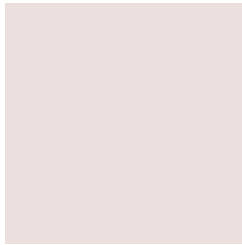
22.1764, 30.9998, 48.5577



1.7710, 2.4935, 3.8228

Previews

White Background



This preview shows how the XYZ color 74.5670, 76.4719, 80.6425 looks on a white background.

Color Contrast Check

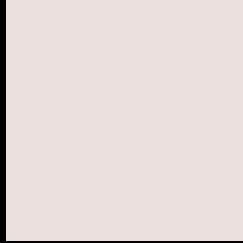
Large Text (above 18pt) WCAG AA × Fail

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 74.5670, 76.4719, 80.6425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

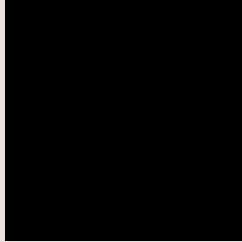
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

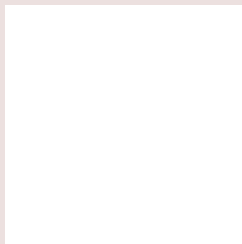
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5670, 76.4719, 80.6425

Background



This preview shows how black text looks on a background with the XYZ color 74.5670, 76.4719, 80.6425.



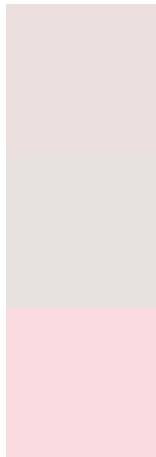
This preview shows how white text looks on a background with the XYZ color 74.5670, 76.4719,

80.6425.

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

74.5670, 76.4719, 80.6425

Protanopia

73.6059, 76.7635, 81.4584

Deuteranopia

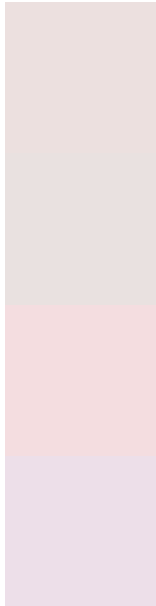
77.8530, 76.1846, 81.1228



Tritanopia

76.9612, 76.6517, 92.4003

Trichromacy



Original Color

74.5670, 76.4719, 80.6425

Protanomaly

73.9840, 76.5559, 81.3984

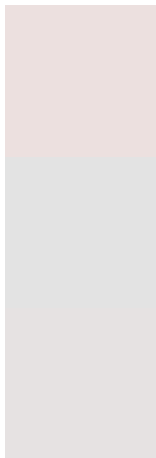
Deuteranomaly

76.6192, 76.3278, 81.2155

Tritanomaly

76.0207, 76.6631, 87.8815

Monochromacy



Original Color

74.5670, 76.4719, 80.6425

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5570, 76.7067, 82.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5670, 76.4719, 80.6425 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, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 223)  
}
```

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, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.5670, 76.4719, 80.6425 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, 224, 223) }
```


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

```
.border{ border-color:rgb(236, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5670, 76.4719, 80.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 223) }
```

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

```
.background{ background-color: rgb(236,  
224, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor