

Converting Colors

XYZ(75.6548, 78.3816, 82.3729)

Have a look what the booklet for
XYZ(75.6548, 78.3816, 82.3729)
contains.

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Color

**XYZ(75.6518, 78.2073,
82.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE3E1
RGB	236, 227, 225
RGB Percent	93%, 89%, 88%
CMY	0.0745, 0.1098, 0.1176
CMYK	0.00, 0.04, 0.05, 0.07
HSL	11°, 22%, 90%
HSV	11°, 5%, 93%
XYZ	75.6518, 78.2073, 82.3424
YIQ	229.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

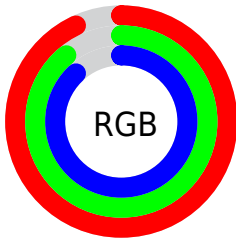
Format	Color
R _Y B	236, 227, 225
Decimal	15524833
CIE Lab	90.87, 2.71, 2.05
CIE LCh	91, 3.396, 37.152
Yxy	78.2073, 0.3203, 0.3311
Android (android.graphics.Color)	4293714913 (0xFFECE3E1)
YUV	229.4630, -2.2003, 5.7329
Hunter-Lab	88.4349, -2.0629, 6.6991

Details

The XYZ color **75.6518, 78.2073, 82.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6144, 80.9082, 90.9895**, and the grayscale version is **74.8317, 78.7288, 85.7356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8306, 42.1106, 44.0064** is the 20% darker color. If you saturate the color by 10%, you get **67.6665, 67.0372, 64.8793**, and if you desaturate by 10%, it is **84.6783, 90.7457, 102.3499**.

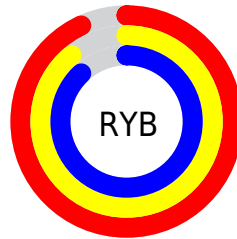
Distribution



Red (93%)

Green (89%)

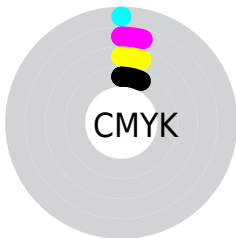
Blue (88%)



Red (93%)

Yellow (89%)

Blue (88%)

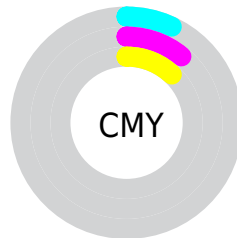


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6518, 78.2073, 82.3424 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 75.6518, 78.2073, 82.3424 by changing the saturation by 10% instead.

75.6518, 78.2073,
82.3424

75.6518, 78.2073,
82.3424

469.1176,
488.8706, 522.7058

56.4431, 58.2443,
61.1104

126.2176,
130.8423, 138.4950

40.7967, 42.0051,
43.8831

158.3053,
164.2831, 174.2527

28.3472, 29.1053,
30.2421

195.4168,
202.9853, 215.6894

18.7293, 19.1605,
19.7688

237.9174,
247.3332, 263.2235

11.5777, 11.7863,
12.0447

286.1724,
297.7113, 317.2736

6.5270, 6.5983,
6.6512

340.5472,

3.2118, 3.2122,

354.5040, 378.2584

3.1698

401.4072,
418.0956, 446.5962

■ 1.2667, 1.2435,
1.1820

■ 0.1581, 0.0968,
0.0000

■ 75.6518, 78.2073,
82.3424

■ 75.6518, 78.2073,
82.3424

■ 67.6665, 67.0372,
64.8793

■ 84.6783, 90.7457,
102.3499

■ 60.6783, 57.1791,
49.8535

■ 88.4025, 96.5731,
108.5889

■ 54.6494, 48.5877,
37.1578

■ 49.5373, 41.2111,
26.6749

■ 45.2962, 34.9942,
18.2773

■ 41.8760, 29.8771,
11.8247

■ 39.2216, 25.7947,
7.1590

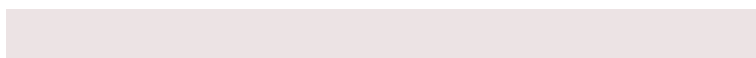
■ 37.2705, 22.6747,
4.0974

■ 35.9495, 20.4349,
2.4170

Harmonies

Analogous

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



75.9769, 78.2073, 84.5696



75.6518, 78.2073, 82.3424



74.9739, 78.2073, 80.8887

Triad

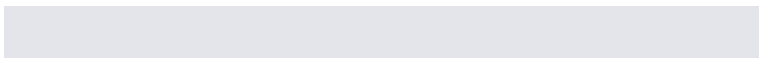
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6518, 78.2073, 82.3424



72.8289, 78.2073, 83.3392



74.5386, 78.2073, 89.9123

Complementary

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



75.6518, 78.2073, 82.3424



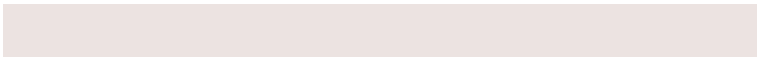
75.6144, 80.9082, 90.9895

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.



73.6971, 78.2073, 89.5676



75.6518, 78.2073, 82.3424



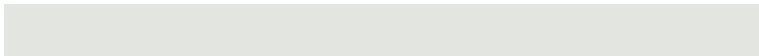
72.7143, 78.2073, 85.7420

Square

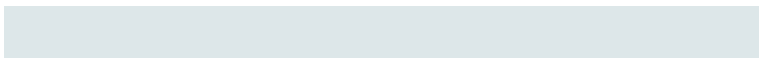
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



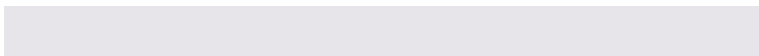
75.6518, 78.2073, 82.3424



73.3452, 78.2073, 81.4564



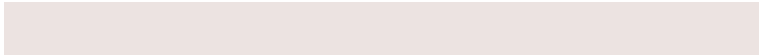
73.0310, 78.2073, 88.0298



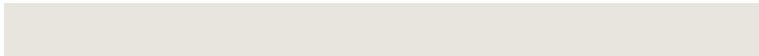
75.3310, 78.2073, 88.9627

Rectangle

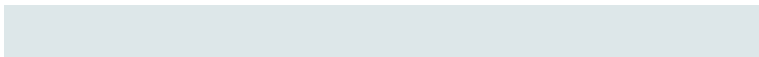
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



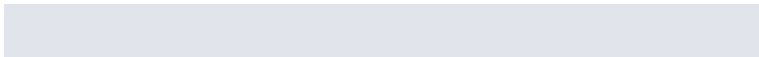
75.6518, 78.2073, 82.3424



74.4154, 78.2073, 80.5378



73.0310, 78.2073, 88.0298



74.2520, 78.2073, 89.9442

Sweetspot

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



75.6540, 78.2107, 82.3441



93.9804, 98.5135, 106.5315



76.3936, 77.6346, 88.9272



20.1270, 21.1016, 22.8271



0.0000, 0.0000, 0.0000



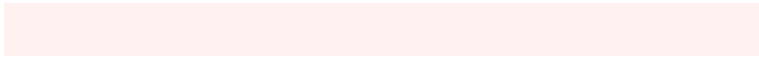
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6540, 78.2107, 82.3441



88.8211, 91.3283, 95.1514



77.1343, 81.1713, 82.8375



15.7809, 16.1873, 16.7858



19.6112, 10.9167, 1.0735



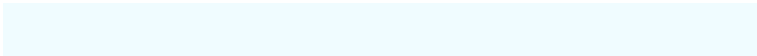
1.6032, 0.9837, 0.1054

Inverse Universe

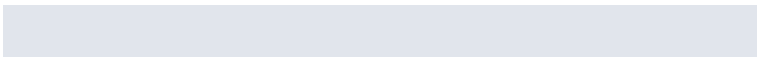
The Inverse Universe completely reimagines the original color for something new.



75.6144, 80.9082, 90.9895



88.7606, 95.4472, 108.3527



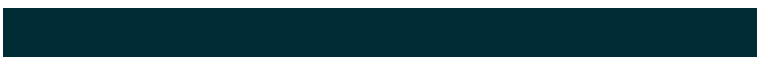
74.1200, 77.9192, 90.4913



15.7690, 16.9939, 19.3713



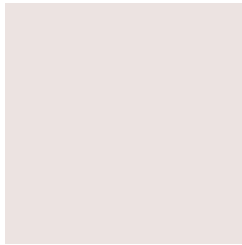
18.9457, 24.5384, 47.4808



1.5484, 2.0482, 3.7486

Previews

White Background



This preview shows how the XYZ color 75.6518, 78.2073, 82.3424 looks on a white background.

Color Contrast Check

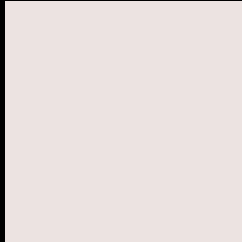
Large Text (above 18pt) WCAG AA × Fail

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 75.6518, 78.2073, 82.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

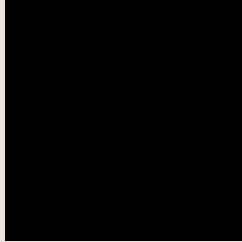
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

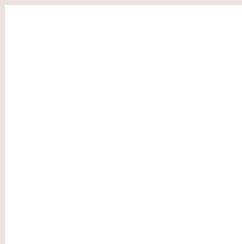
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6518, 78.2073, 82.3424

Background



This preview shows how black text looks on a background with the XYZ color 75.6518, 78.2073, 82.3424.



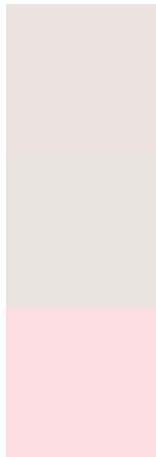
This preview shows how white text looks on a background with the XYZ color 75.6518, 78.2073,

82.3424.

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

75.6518, 78.2073, 82.3424

Protanopia

75.2657, 78.4155, 82.4029

Deuteranopia

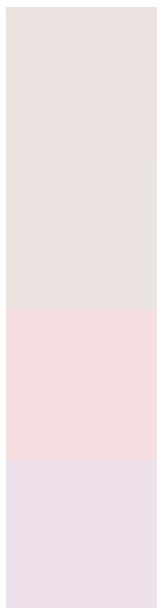
79.7288, 77.8993, 82.7854



Tritanopia

78.2793, 78.0728, 94.9482

Trichromacy



Original Color

75.6518, 78.2073, 82.3424

Protanomaly

75.5950, 78.5852, 82.4183

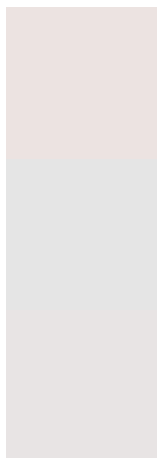
Deuteranomaly

78.1212, 77.8592, 82.8624

Tritanomaly

77.3254, 78.0837, 90.3531

Monochromacy



Original Color

75.6518, 78.2073, 82.3424

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0257, 78.2440, 84.5471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6518, 78.2073, 82.3424 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, 227, 225) looks like.

```
.text, #text, p{  
    color:rgb(236, 227, 225)  
}
```

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, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 227, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.6518, 78.2073, 82.3424 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, 227, 225) }
```


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

```
.border{ border-color:rgb(236, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 227, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 227, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 227,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6518, 78.2073, 82.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 227, 225) }
```

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

```
.background{ background-color: rgb(236,  
227, 225) }
```

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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