

Converting Colors

XYZ(77.5770, 81.4252, 83.0714)

Have a look what the booklet for
XYZ(77.5770, 81.4252, 83.0714)
contains.

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Color

**XYZ(77.3723, 81.1540,
82.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE8E1
RGB	237, 232, 225
RGB Percent	93%, 91%, 88%
CMY	0.0706, 0.0902, 0.1176
CMYK	0.00, 0.02, 0.05, 0.07
HSL	35°, 25%, 91%
HSV	35°, 5%, 93%
XYZ	77.3723, 81.1540, 82.8205
YIQ	232.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

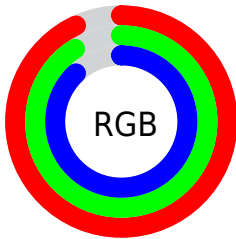
Format	Color
R _Y B	234, 237, 225
Decimal	15591649
CIE Lab	92.20, 0.48, 3.98
CIE LCh	92, 4.014, 83.147
Yxy	81.1540, 0.3206, 0.3363
Android (android.graphics.Color)	4293781729 (0xFFE8E1)
YUV	232.6970, -3.7946, 3.7737
Hunter-Lab	90.0855, -4.3403, 8.5513

Details

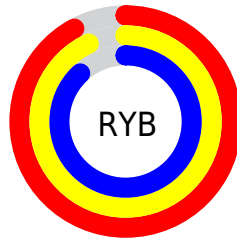
The XYZ color **77.3723, 81.1540, 82.8205** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.6342, 78.7145, 91.3816**, and the grayscale version is **77.2511, 81.2742, 88.5076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8371, 43.7767, 44.2749** is the 20% darker color. If you saturate the color by 10%, you get **71.6618, 74.5524, 66.0576**, and if you desaturate by 10%, it is **83.6921, 88.2541, 102.0026**.

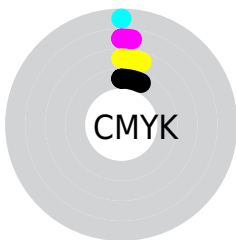
Distribution



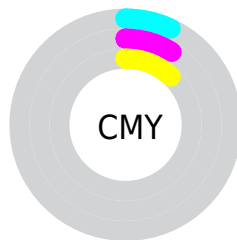
- Red (93%)
- Green (91%)
- Blue (88%)



- Red (92%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3723, 81.1540, 82.8205 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 77.3723, 81.1540, 82.8205 by changing the saturation by 10% instead.

■ 77.3723, 81.1540,
82.8205

■ 77.3723, 81.1540,
82.8205

474.9050,
498.8134, 524.3434

■ 57.8595, 60.6684,
61.5023

128.6349,
134.9870, 139.1710

■ 41.9385, 43.9576,
44.1975

161.1155,
169.1032, 175.0404

■ 29.2440, 30.6372,
30.4875

198.6493,
208.5318, 216.5974

■ 19.4107, 20.3228,
19.9537

241.6017,
253.6570, 264.2603

■ 12.0732, 12.6299,
12.1777

290.3382,
304.8635, 318.4479

■ 6.8661, 7.1742,
6.7408

345.2239,

■ 3.4241, 3.5713,

362.5354, 379.5786

3.2245

406.6244,
427.0573, 448.0709

■ 1.3818, 1.4368,
1.2104

■ 0.2432, 0.2436,
0.0000

■ 77.3723, 81.1540,
82.8205

■ 77.3723, 81.1540,
82.8205

■ 71.6618, 74.5524,
66.0576

■ 83.6921, 88.2541,
102.0026

■ 66.5330, 68.4262,
51.6109

■ 87.7041, 94.6819,
108.2607

■ 61.9658, 62.7661,
39.3779

■ 88.7355, 96.7448,
108.6045

■ 57.9364, 57.5581,
29.2462

■ 54.4190, 52.7875,
21.0935

■ 51.3853, 48.4386,
14.7846

■ 48.8037, 44.4940,
10.1673

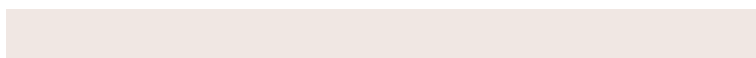
■ 46.6378, 40.9343,
7.0645

■ 44.8432, 37.7369,
5.2588

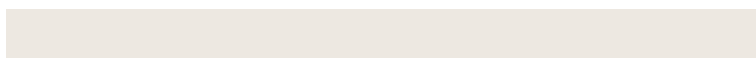
Harmonies

Analogous

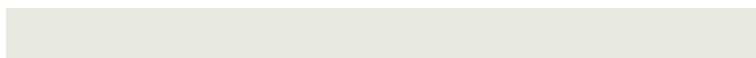
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3350, 81.1540, 83.8774



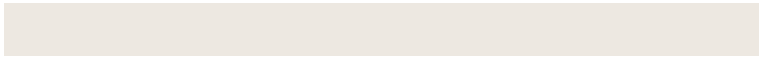
77.3723, 81.1540, 82.8205



76.3543, 81.1540, 83.2218

Triad

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



77.3723, 81.1540, 82.8205



75.3178, 81.1540, 90.6238



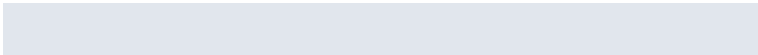
78.7389, 81.1540, 91.8278

Complementary

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



77.3723, 81.1540, 82.8205



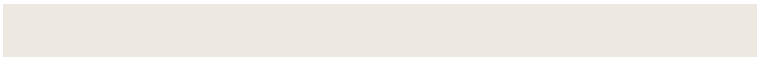
74.6342, 78.7145, 91.3816

Split Complementary

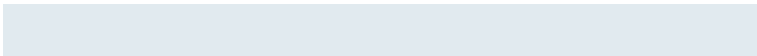
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9199, 81.1540, 93.7115



77.3723, 81.1540, 82.8205



75.9462, 81.1540, 93.0055

Square

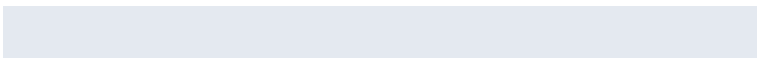
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



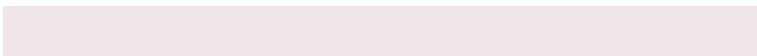
77.3723, 81.1540, 82.8205



75.1741, 81.1540, 87.6841



76.8971, 81.1540, 94.1472



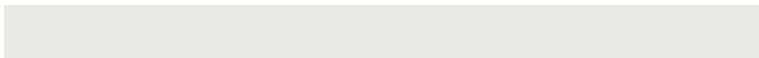
79.1286, 81.1540, 89.0452

Rectangle

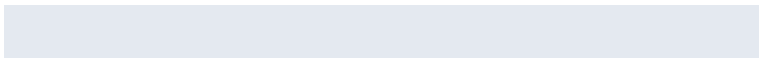
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3723, 81.1540, 82.8205



75.7806, 81.1540, 84.2668



76.8971, 81.1540, 94.1472



78.5043, 81.1540, 92.5897

Sweetspot

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



77.3746, 81.1575, 82.8223



93.5660, 98.3286, 104.4082



76.1343, 77.5694, 85.8237



20.0426, 21.0640, 22.3947



0.0000, 0.0000, 0.0000



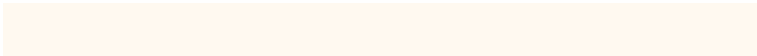
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3746, 81.1575, 82.8223



90.6852, 95.0565, 95.7727



78.4680, 83.8386, 83.2821



16.1456, 16.9167, 16.9074



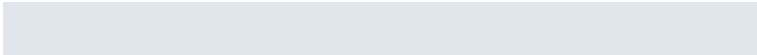
24.1884, 20.0711, 2.5992



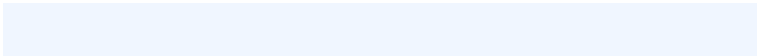
1.9940, 1.7653, 0.2356

Inverse Universe

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



74.6342, 78.7145, 91.3816



86.8604, 91.6467, 107.7193



73.5765, 76.1349, 90.9394



15.3965, 16.2489, 19.2471



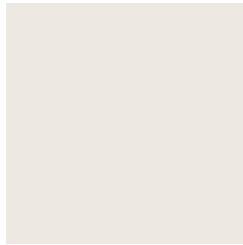
10.8872, 8.4213, 44.7946



0.9479, 0.8472, 3.5485

Previews

White Background



This preview shows how the XYZ color 77.3723, 81.1540, 82.8205 looks on a white background.

Color Contrast Check

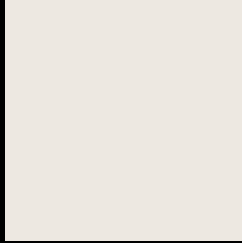
Large Text (above 18pt) WCAG AA × Fail

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 77.3723, 81.1540, 82.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

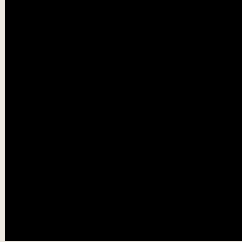
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

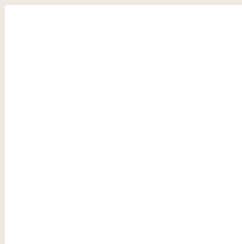
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3723, 81.1540, 82.8205

Background



This preview shows how black text looks on a background with the XYZ color 77.3723, 81.1540, 82.8205.

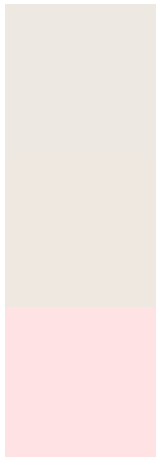


This preview shows how white text looks on a background with the XYZ color 77.3723, 81.1540,

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

77.3723, 81.1540, 82.8205

Protanopia

77.7071, 81.3266, 82.8362

Deuteranopia

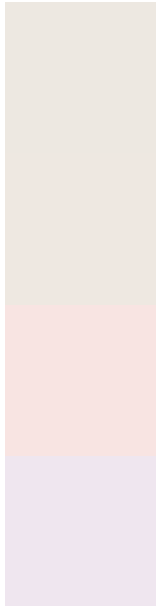
82.3015, 81.1988, 84.0082



Tritanopia

80.7430, 81.2793, 99.4285

Trichromacy



Original Color

77.3723, 81.1540, 82.8205

Protanomaly

77.7071, 81.3266, 82.8362

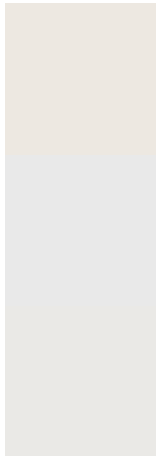
Deuteranomaly

80.1823, 80.9343, 83.3473

Tritanomaly

79.4734, 81.1763, 93.1413

Monochromacy



Original Color

77.3723, 81.1540, 82.8205

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.3535, 81.4834, 86.5138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3723, 81.1540, 82.8205 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, 232, 225) looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 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(237, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.3723, 81.1540, 82.8205 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, 232, 225) }
```


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

```
.border{ border-color:rgb(237, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3723, 81.1540, 82.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 225) }
```

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

```
.background{ background-color: rgb(237,  
232, 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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