

Converting Colors

XYZ(74.0619, 76.2406, 82.3335)

Have a look what the booklet for
XYZ(74.0619, 76.2406, 82.3335)
contains.

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Color

**XYZ(73.8505, 76.0712,
82.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E0E1
RGB	233, 224, 225
RGB Percent	91%, 88%, 88%
CMY	0.0863, 0.1215, 0.1176
CMYK	0.00, 0.04, 0.03, 0.09
HSL	353°, 17%, 90%
HSV	353°, 4%, 91%
XYZ	73.8505, 76.0712, 82.0250
YIQ	226.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

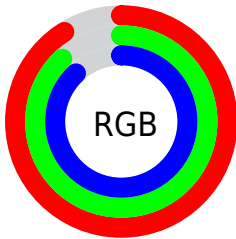
Format	Color
RYB	233, 224, 225
Decimal	15327457
CIELab	89.89, 3.23, 0.59
CIELCh	90, 3.286, 10.384
Yxy	76.0712, 0.3184, 0.3280
Android (android.graphics.Color)	4293517537 (0xFFE9E0E1)
YUV	226.8050, -0.8899, 5.4330
Hunter-Lab	87.2188, -1.4922, 5.2938

Details

The XYZ color **73.8505, 76.0712, 82.0250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4477, 79.9532, 87.8566**, and the grayscale version is **72.8775, 76.6728, 83.4967**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5751, 40.6253, 43.7858** is the 20% darker color. If you saturate the color by 10%, you get **65.3555, 63.3331, 66.0835**, and if you desaturate by 10%, it is **83.5509, 90.6693, 100.0626**.

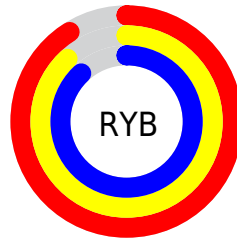
Distribution



Red (91%)

Green (88%)

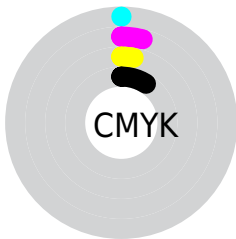
Blue (88%)



Red (91%)

Yellow (88%)

Blue (88%)

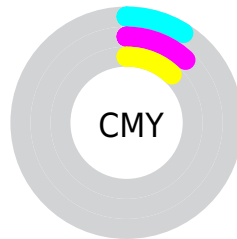


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8505, 76.0712, 82.0250 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 73.8505, 76.0712, 82.0250 by changing the saturation by 10% instead.

73.8505, 76.0712,
82.0250

73.8505, 76.0712,
82.0250

463.0155,
481.5914, 521.6170

54.9625, 56.4909,
60.8502

123.6805,
127.8275, 138.0461

39.6055, 40.5966,
43.6745

155.3532,
160.7724, 173.7294

27.4139, 28.0040,
30.0794

192.0183,
198.9408, 215.0860

18.0225, 18.3287,
19.6463

234.0410,
242.7173, 262.5344

11.0659, 11.1862,
11.9567

281.7867,
292.4862, 316.4932

6.1788, 6.1922,
6.5920

335.6208,

2.9958, 2.9623,

348.6319, 377.3808

3.1337

395.9086,
411.5389, 445.6159

■ 1.1515, 1.1121,
1.1633

■ 0.0676, 0.0000,
0.0000

■ 73.8505, 76.0712,
82.0250

■ 73.8505, 76.0712,
82.0250

■ 65.3555, 63.3331,
66.0835

■ 83.5509, 90.6693,
100.0626

■ 58.0127, 52.3708,
52.1571

■ 87.4147, 96.0638,
108.5427

■ 51.7742, 43.1084,
40.1671

■ 46.5863, 35.4607,
30.0274

■ 42.3909, 29.3351,
21.6456

■ 39.1241, 24.6296,
14.9213

■ 36.7147, 21.2297,
9.7439

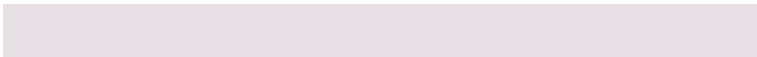
■ 35.0808, 19.0032,
5.9890

■ 34.1241, 17.7895,
3.5129

Harmonies

Analogous

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



73.7845, 76.0712, 84.3393



73.8505, 76.0712, 82.0250



73.4996, 76.0712, 79.9643

Triad

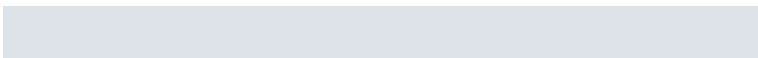
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8505, 76.0712, 82.0250



71.2962, 76.0712, 79.4681



71.7804, 76.0712, 87.1137

Complementary

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



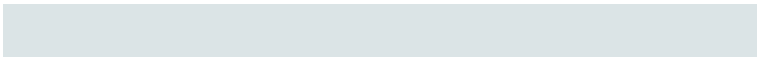
73.8505, 76.0712, 82.0250



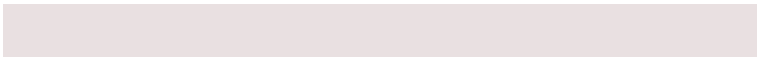
74.4477, 79.9532, 87.8566

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.



71.1203, 76.0712, 85.7605



73.8505, 76.0712, 82.0250



70.8422, 76.0712, 81.3361

Square

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



73.8505, 76.0712, 82.0250



72.0223, 76.0712, 78.5065



70.7780, 76.0712, 83.6374



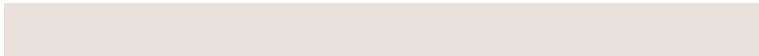
72.5853, 76.0712, 87.3065

Rectangle

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



73.8505, 76.0712, 82.0250



73.0779, 76.0712, 79.0006



70.7780, 76.0712, 83.6374



71.5343, 76.0712, 86.7783

Sweetspot

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



73.8526, 76.0745, 82.0266



93.8789, 98.2386, 106.7191



74.6284, 76.3453, 87.8945



20.1063, 21.0457, 22.8653



0.0000, 0.0000, 0.0000



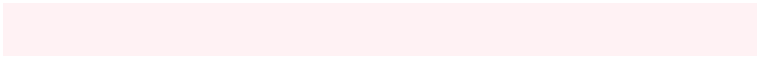
20.3446, 21.4041, 23.3091

Same Dimension

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



73.8526, 76.0745, 82.0266



89.3444, 91.4243, 98.2565



74.6534, 77.8928, 81.6252



15.8522, 16.1598, 17.3345



19.1944, 9.8805, 1.5593



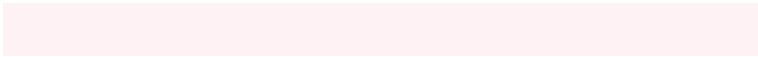
1.5298, 0.7849, 0.2411

Inverse Universe

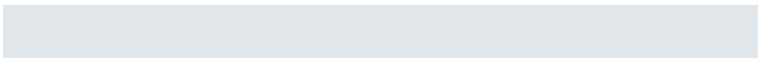
The Inverse Universe completely reimagines the original color for something new.



73.8526, 76.0745, 82.0266



89.3444, 91.4243, 98.2565



73.6229, 78.0765, 88.2816



15.8522, 16.1598, 17.3345



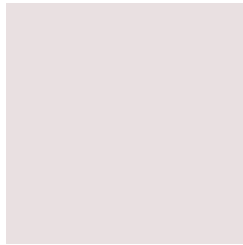
19.1944, 9.8805, 1.5593



1.5298, 0.7849, 0.2411

Previews

White Background



This preview shows how the XYZ color 73.8505, 76.0712, 82.0250 looks on a white background.

Color Contrast Check

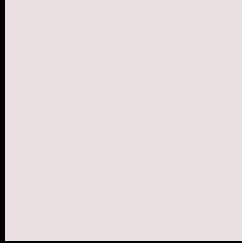
Large Text (above 18pt) WCAG AA × Fail

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 73.8505, 76.0712, 82.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

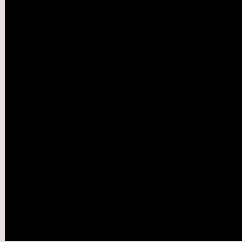
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

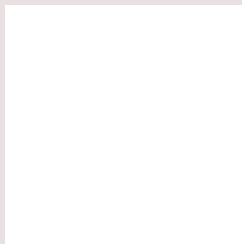
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8505, 76.0712, 82.0250

Background



This preview shows how black text looks on a background with the XYZ color 73.8505, 76.0712, 82.0250.



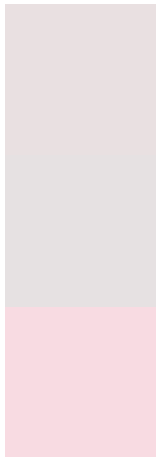
This preview shows how white text looks on a background with the XYZ color 73.8505, 76.0712,

82.0250.

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

73.8505, 76.0712, 82.0250

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

77.7704, 76.1105, 82.5434



Tritanopia

75.9622, 76.1367, 92.3536

Trichromacy



Original Color

73.8505, 76.0712, 82.0250

Protanomaly

73.6077, 76.3303, 82.8052

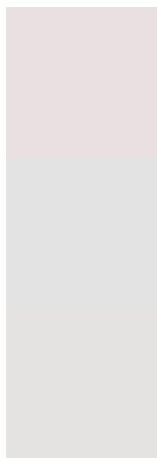
Deuteranomaly

76.5461, 76.2586, 82.6365

Tritanomaly

75.1706, 76.2083, 88.5897

Monochromacy



Original Color

73.8505, 76.0712, 82.0250

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2369, 76.5417, 82.8655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8505, 76.0712, 82.0250 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(233, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(233, 224, 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(233, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.8505, 76.0712, 82.0250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

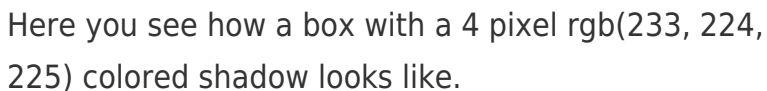
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 224, 225) }
```


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

```
.border{ border-color:rgb(233, 224, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 224, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 224, 225); box-shadow:4px 4px 4px 4px rgb(233, 224, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8505, 76.0712, 82.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 224, 225) }
```

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

```
.background{ background-color: rgb(233,  
224, 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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