

Converting Colors

XYZ(74.5917, 76.7001, 82.5849)

Have a look what the booklet for
XYZ(74.5917, 76.7001, 82.5849)
contains.

XYZ(74.5844, 76.8338, 82.8509)	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(74.5844, 76.8338,
82.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1E2
RGB	234, 225, 226
RGB Percent	92%, 88%, 89%
CMY	0.0823, 0.1176, 0.1137
CMYK	0.00, 0.04, 0.03, 0.08
HSL	353°, 18%, 90%
HSV	353°, 4%, 92%
XYZ	74.5844, 76.8338, 82.8509
YIQ	227.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

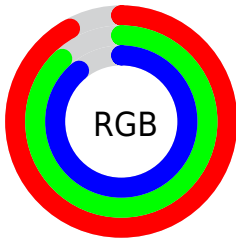
Format	Color
R_{YB}	234, 225, 226
Decimal	15393250
CIE Lab	90.25, 3.23, 0.59
CIE LCh	90, 3.284, 10.380
Yxy	76.8338, 0.3184, 0.3280
Android (android.graphics.Color)	4293583330 (0xFFEAE1E2)
YUV	227.8050, -0.8899, 5.4330
Hunter-Lab	87.6549, -1.5127, 5.3179

Details

The XYZ color **74.5844, 76.8338, 82.8509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1851, 80.7385, 88.7163**, and the grayscale version is **73.6059, 77.4391, 84.3312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0855, 41.1547, 44.3590** is the 20% darker color. If you saturate the color by 10%, you get **66.0029, 63.9658, 66.7475**, and if you desaturate by 10%, it is **84.3837, 91.5809, 101.0719**.

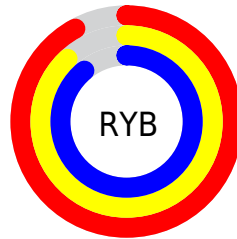
Distribution



Red (92%)

Green (88%)

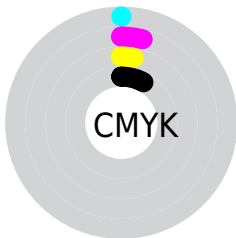
Blue (89%)



Red (92%)

Yellow (88%)

Blue (89%)

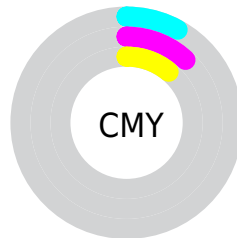


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5844, 76.8338, 82.8509 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 74.5844, 76.8338, 82.8509 by changing the saturation by 10% instead.

■ 74.5844, 76.8338,
82.8509

■ 74.5844, 76.8338,
82.8509

465.5071,
484.1972, 524.4475

■ 55.5655, 57.1165,
61.5273

124.7149,
128.9048, 139.2140

■ 40.0903, 41.0988,
44.2175

156.5573,
162.0274, 175.0905

■ 27.7934, 28.3963,
30.5031

193.4047,
200.3871, 216.6551

■ 18.3097, 18.6246,
19.9655

235.6227,
244.3683, 264.3262

■ 11.2736, 11.3993,
12.1861

283.5766,
294.3556, 318.5225

■ 6.3198, 6.3361,
6.7465

337.6317,

■ 3.0830, 3.0505,

350.7332, 379.6624

3.2280

398.1535,
413.8856, 448.1646

■ 1.1978, 1.1582,
1.2122

■ 0.1046, 0.0271,
0.0000

■ 74.5844, 76.8338,
82.8509

■ 74.5844, 76.8338,
82.8509

■ 66.0029, 63.9658,
66.7475

■ 84.3837, 91.5809,
101.0719

■ 58.5854, 52.8920,
52.6799

■ 87.7422, 96.2327,
108.5580

■ 52.2836, 43.5355,
40.5684

■ 47.0432, 35.8103,
30.3262

■ 42.8054, 29.6229,
21.8599

■ 39.5058, 24.8701,
15.0680

■ 37.0724, 21.4362,
9.8388

■ 35.4223, 19.1877,
6.0467

■ 34.4563, 17.9624,
3.5463

Harmonies

Analogous

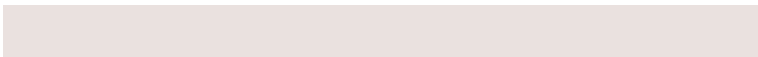
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5180, 76.8338, 85.1787



74.5844, 76.8338, 82.8509



74.2315, 76.8338, 80.7779

Triad

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



74.5844, 76.8338, 82.8509



72.0152, 76.8338, 80.2783



72.5020, 76.8338, 87.9688

Complementary

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



74.5844, 76.8338, 82.8509



75.1851, 80.7385, 88.7163

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.



71.8380, 76.8338, 86.6077



74.5844, 76.8338, 82.8509



71.5584, 76.8338, 82.1573

Square

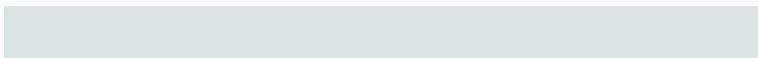
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



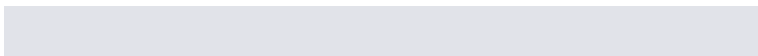
74.5844, 76.8338, 82.8509



72.7455, 76.8338, 79.3110



71.4938, 76.8338, 84.4722



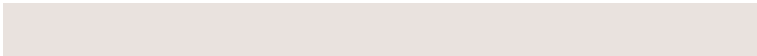
73.3116, 76.8338, 88.1629

Rectangle

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



74.5844, 76.8338, 82.8509



73.8074, 76.8338, 79.8084



71.4938, 76.8338, 84.4722



72.2545, 76.8338, 87.6314

Sweetspot

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



74.5866, 76.8371, 82.8526



93.8789, 98.2386, 106.7191



75.3668, 77.1095, 88.7545



20.1063, 21.0457, 22.8653



0.0000, 0.0000, 0.0000



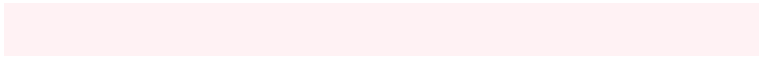
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5866, 76.8371, 82.8526



89.3444, 91.4243, 98.2567



75.3920, 78.6661, 82.4485



15.8523, 16.1598, 17.3345



19.1945, 9.8805, 1.5595



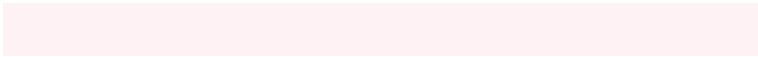
1.5298, 0.7849, 0.2411

Inverse Universe

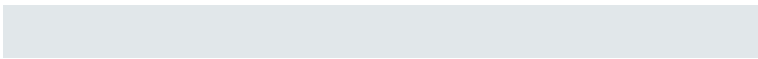
The Inverse Universe completely reimagines the original color for something new.



74.5866, 76.8371, 82.8526



89.3444, 91.4243, 98.2567



74.3555, 78.8510, 89.1439



15.8523, 16.1598, 17.3345



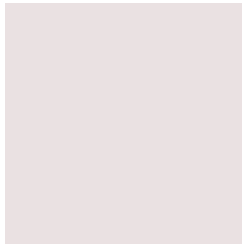
19.1945, 9.8805, 1.5595



1.5298, 0.7849, 0.2411

Previews

White Background



This preview shows how the XYZ color 74.5844, 76.8338, 82.8509 looks on a white background.

Color Contrast Check

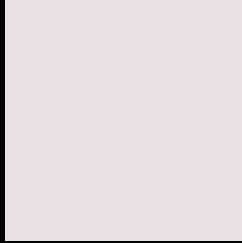
Large Text (above 18pt) WCAG AA × Fail

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 74.5844, 76.8338, 82.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

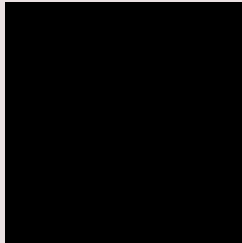
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

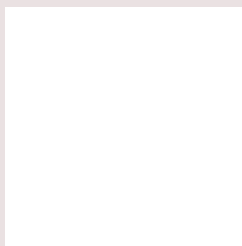
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5844, 76.8338, 82.8509

Background



This preview shows how black text looks on a background with the XYZ color 74.5844, 76.8338, 82.8509.

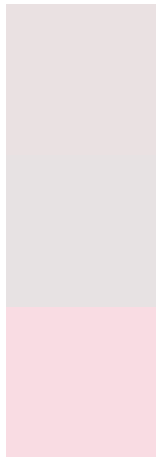


This preview shows how white text looks on a background with the XYZ color 74.5844, 76.8338,

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

74.5844, 76.8338, 82.8509

Protanopia

74.0165, 76.9277, 83.6205

Deuteranopia

78.5252, 76.8722, 83.3721



Tritanopia

76.7079, 76.8995, 93.2382

Trichromacy



Original Color

74.5844, 76.8338, 82.8509

Protanomaly

74.3402, 77.0946, 83.6356

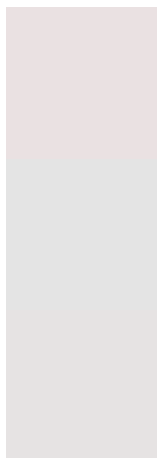
Deuteranomaly

77.2946, 77.0217, 83.4659

Tritanomaly

75.9120, 76.9716, 89.4533

Monochromacy



Original Color

74.5844, 76.8338, 82.8509

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9673, 77.3072, 83.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5844, 76.8338, 82.8509 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(234, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 226)  
}
```

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(234, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.5844, 76.8338, 82.8509 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(234, 225, 226) }
```


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

```
.border{ border-color:rgb(234, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5844, 76.8338, 82.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 226) }
```

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

```
.background{ background-color: rgb(234,  
225, 226) }
```

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