

Converting Colors

XYZ(75.4196, 80.9334, 82.9697)

Have a look what the booklet for
XYZ(75.4196, 80.9334, 82.9697)
contains.

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Color

**XYZ(75.3265, 80.9399,
82.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EAE1
RGB	229, 234, 225
RGB Percent	90%, 92%, 88%
CMY	0.1020, 0.0823, 0.1176
CMYK	0.02, 0.00, 0.04, 0.08
HSL	93°, 18%, 90%
HSV	93°, 4%, 92%
XYZ	75.3265, 80.9399, 82.8870
YIQ	231.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

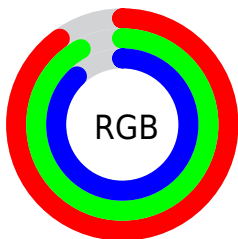
Format	Color
R _Y B	225, 234, 230
Decimal	15067873
CIE Lab	92.10, -3.26, 3.77
CIE LCh	92, 4.987, 130.855
Yxy	80.9399, 0.3150, 0.3384
Android (android.graphics.Color)	4293257953 (0xFFE5EAE1)
YUV	231.4790, -3.1941, -2.1741
Hunter-Lab	89.9666, -7.9885, 8.3522

Details

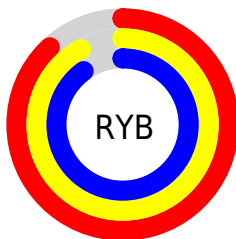
The XYZ color **75.3265, 80.9399, 82.8870** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.4128, 76.6162, 88.7125**, and the grayscale version is **76.3376, 80.3131, 87.4609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6317, 43.7417, 44.3317** is the 20% darker color. If you saturate the color by 10%, you get **68.3555, 77.6925, 67.0233**, and if you desaturate by 10%, it is **83.0506, 84.5296, 101.0731**.

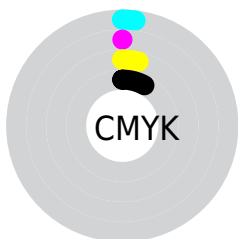
Distribution



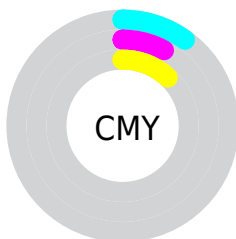
- Red (90%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3265, 80.9399, 82.8870 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 75.3265, 80.9399, 82.8870 by changing the saturation by 10% instead.

■ 75.3265, 80.9399,
82.8870

■ 75.3265, 80.9399,
82.8870

468.0189,
498.0947, 524.5710

■ 56.1755, 60.4921,
61.5569

125.7599,
134.6864, 139.2650

■ 40.5812, 43.8154,
44.2413

157.7730,
168.7538, 175.1500

■ 28.1782, 30.5254,
30.5216

194.8042,
208.1300, 216.7236

■ 18.6012, 20.2377,
19.9795

237.2188,
253.1992, 264.4044

■ 11.4848, 12.5680,
12.1962

285.3823,
304.3459, 318.6111

■ 6.4636, 7.1317,
6.7533

339.6599,

■ 3.1723, 3.5446,

361.9545, 379.7620

3.2322

400.4170,
426.4093, 448.2758

■ 1.2455, 1.4222,
1.2144

■ 0.1419, 0.2330,
0.0000

■ 75.3265, 80.9399,
82.8870

■ 75.3265, 80.9399,
82.8870

■ 68.3555, 77.6925,
67.0233

■ 83.0506, 84.5296,
101.0731

■ 62.1062, 74.7663,
53.3831

■ 88.7144, 87.3288,
106.7881

■ 56.5552, 72.1537,
41.8687

■ 51.6747, 69.8429,
32.3724

■ 47.4352, 67.8210,
24.7777

■ 43.8044, 66.0744,
18.9558

■ 40.7467, 64.5878,
14.7620

■ 38.2218, 63.3440,
12.0287

■ 36.1820, 62.3230,
10.5523

Harmonies

Analogous

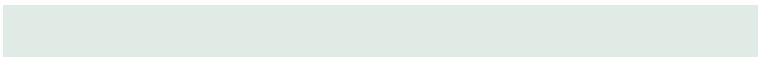
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4667, 80.9399, 81.3635



75.3265, 80.9399, 82.8870



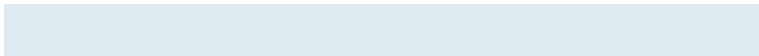
74.6211, 80.9399, 85.8302

Triad

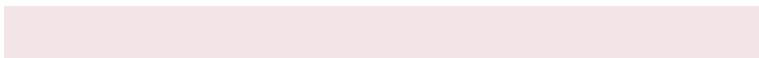
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3265, 80.9399, 82.8870



76.1238, 80.9399, 94.9827



79.3823, 80.9399, 86.8043

Complementary

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



75.3265, 80.9399, 82.8870



74.4128, 76.6162, 88.7125

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.



79.2880, 80.9399, 90.4701



75.3265, 80.9399, 82.8870



77.3971, 80.9399, 95.2611

Square

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



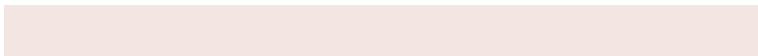
75.3265, 80.9399, 82.8870



75.0778, 80.9399, 92.8386



78.5580, 80.9399, 93.5891



78.8143, 80.9399, 83.5830

Rectangle

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



75.3265, 80.9399, 82.8870



74.4876, 80.9399, 88.2354



78.5580, 80.9399, 93.5891



79.4272, 80.9399, 88.0242

Sweetspot

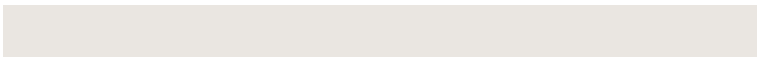
The Sweet Spot groups the original color and five complimentary colors.



75.3288, 80.9434, 82.8888



94.1226, 99.5690, 106.7277



75.8083, 79.4976, 82.5844



20.1559, 21.3164, 22.8670



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.



75.3288, 80.9434, 82.8888



90.5054, 97.8865, 98.3252



74.1286, 80.3176, 83.1537



16.0852, 17.4606, 17.3492



19.8782, 34.7921, 5.6679



1.6700, 2.7882, 0.4502

Inverse Universe

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



74.4128, 76.6162, 88.7125



89.0635, 91.0748, 107.4928



75.6467, 77.2597, 88.4330



15.7948, 16.0890, 19.1953



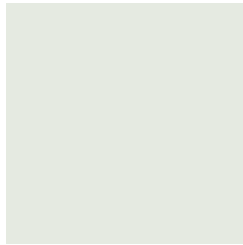
13.6707, 6.0834, 44.1967



1.1839, 0.5346, 3.4757

Previews

White Background



This preview shows how the XYZ color 75.3265, 80.9399, 82.8870 looks on a white background.

Color Contrast Check

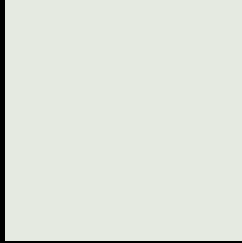
Large Text (above 18pt) WCAG AA × Fail

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 75.3265, 80.9399, 82.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

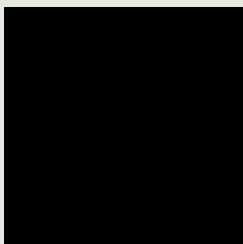
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

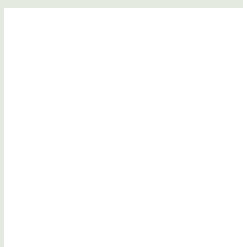
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3265, 80.9399, 82.8870

Background



This preview shows how black text looks on a background with the XYZ color 75.3265, 80.9399, 82.8870.



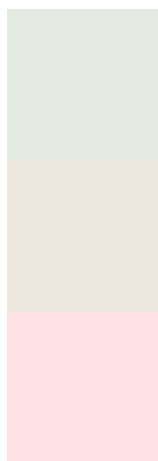
This preview shows how white text looks on a background with the XYZ color 75.3265, 80.9399,

82.8870.

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

75.3265, 80.9399, 82.8870

Protanopia

77.1551, 80.6567, 81.3138

Deuteranopia

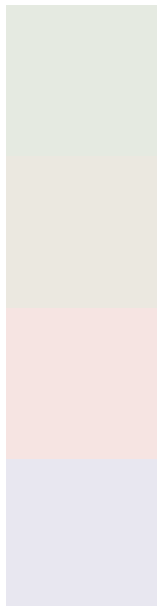
82.0303, 80.6565, 83.9178



Tritanopia

79.0000, 80.7568, 101.0464

Trichromacy



Original Color

75.3265, 80.9399, 82.8870

Protanomaly

76.5721, 80.7572, 82.0729

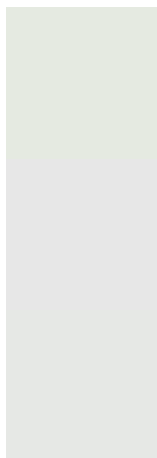
Deuteranomaly

79.4769, 80.5706, 83.3143

Tritanomaly

77.5828, 80.5989, 93.9062

Monochromacy



Original Color

75.3265, 80.9399, 82.8870

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.6326, 80.1934, 85.6213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3265, 80.9399, 82.8870 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(229, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(229, 234, 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(229, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 234, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.3265, 80.9399, 82.8870 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(229, 234, 225) }
```


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

```
.border{ border-color:rgb(229, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 234,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3265, 80.9399, 82.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 234, 225) }
```

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

```
.background{ background-color: rgb(229,  
234, 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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