

Converting Colors

XYZ(74.3393, 80.3992, 84.2736)

Have a look what the booklet for
XYZ(74.3393, 80.3992, 84.2736)
contains.

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Color

**XYZ(74.3393, 80.3992,
84.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EAE3
RGB	225, 234, 227
RGB Percent	88%, 92%, 89%
CMY	0.1176, 0.0823, 0.1098
CMYK	0.04, 0.00, 0.03, 0.08
HSL	133°, 18%, 90%
HSV	133°, 4%, 92%
XYZ	74.3393, 80.3992, 84.2736
YIQ	230.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

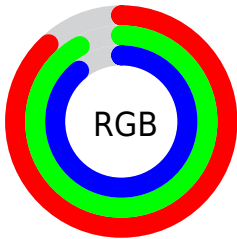
Format	Color
R _Y B	225, 232, 234
Decimal	14805731
CIE Lab	91.86, -4.25, 2.34
CIE LCh	92, 4.855, 151.144
Yxy	80.3992, 0.3110, 0.3364
Android (android.graphics.Color)	4292995811 (0xFFE1EAE3)
YUV	230.5110, -1.7309, -4.8331
Hunter-Lab	89.6656, -8.9253, 7.0413

Details

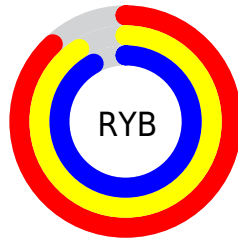
The XYZ color **74.3393, 80.3992, 84.2736** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4253, 77.1711, 87.2680**, and the grayscale version is **75.6084, 79.5459, 86.6255**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9444, 43.3654, 45.2948** is the 20% darker color. If you saturate the color by 10%, you get **65.1575, 75.9432, 71.4159**, and if you desaturate by 10%, it is **84.7911, 85.4838, 98.5806**.

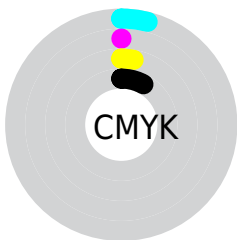
Distribution



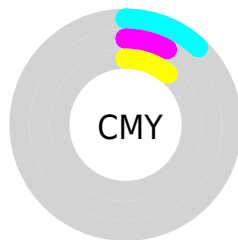
- Red (88%)
- Green (92%)
- Blue (89%)



- Red (88%)
- Yellow (91%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3393, 80.3992, 84.2736 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 74.3393, 80.3992, 84.2736 by changing the saturation by 10% instead.

■ 74.3393, 80.3992,
84.2736

■ 74.3393, 80.3992,
84.2736

464.6758,
496.2771, 529.3031

■ 55.3641, 60.0469,
62.6947

124.3696,
133.9268, 141.2230

■ 39.9283, 43.4564,
45.1548

156.1553,
167.8710, 177.4305

■ 27.6666, 30.2434,
31.2356

192.9420,
207.1145, 219.3513

■ 18.2136, 20.0234,
20.5183

235.0949,
252.0419, 267.4039

■ 11.2041, 12.4121,
12.5846

282.9793,
303.0374, 322.0068

■ 6.2726, 7.0250,
7.0158

336.9607,

■ 3.0538, 3.4777,

360.4855, 383.5786

3.3934

397.4044,
424.7707, 452.5379

■ 1.1823, 1.3859,
1.2988

■ 0.0923, 0.2063,
0.0608

■ 74.3393, 80.3992,
84.2736

■ 74.3393, 80.3992,
84.2736

■ 65.1575, 75.9432,
71.4159

■ 84.7911, 85.4838,
98.5806

■ 57.1902, 72.0813,
59.9570

■ 88.7143, 87.3287,
106.7881

■ 50.3880, 68.7912,
49.8512

■ 44.6952, 66.0455,
41.0484

■ 40.0518, 63.8141,
33.4954

■ 36.3917, 62.0642,
27.1352

■ 33.6413, 60.7592,
21.9064

■ 31.7158, 59.8568,
17.7421

■ 30.5139, 59.3062,
14.5682

Harmonies

Analogous

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



75.1855, 80.3992, 81.8029



74.3393, 80.3992, 84.2736



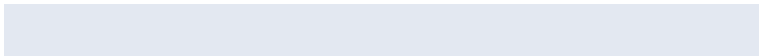
74.0483, 80.3992, 87.6781

Triad

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



74.3393, 80.3992, 84.2736



76.4649, 80.3992, 94.5767



78.4844, 80.3992, 84.0425

Complementary

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



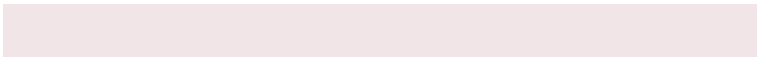
74.3393, 80.3992, 84.2736



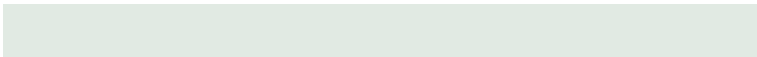
75.4253, 77.1711, 87.2680

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.



78.8357, 80.3992, 87.4042



74.3393, 80.3992, 84.2736



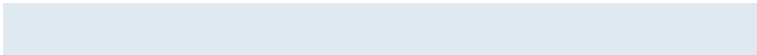
77.6620, 80.3992, 93.5414

Square

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



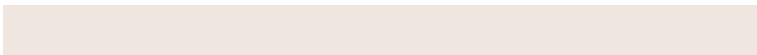
74.3393, 80.3992, 84.2736



75.2674, 80.3992, 93.6846



78.5331, 80.3992, 90.8919



77.5783, 80.3992, 81.6721

Rectangle

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



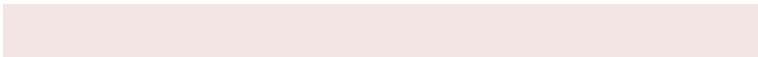
74.3393, 80.3992, 84.2736



74.2058, 80.3992, 90.0377



78.5331, 80.3992, 90.8919



78.6718, 80.3992, 85.0910

Sweetspot

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



74.3416, 80.4026, 84.2754



93.8003, 99.3925, 107.1831



76.3116, 81.4499, 82.9347



20.0903, 21.2805, 22.9597



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.



74.3416, 80.4026, 84.2754



88.9578, 97.0391, 100.4940



74.9643, 80.6517, 87.5545



15.7743, 17.2904, 17.7843



16.9208, 33.2228, 7.5479



1.3640, 2.6229, 0.7789

Inverse Universe

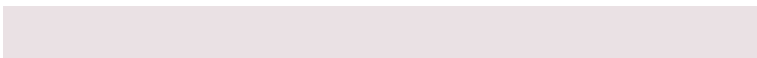
The Inverse Universe completely reimagines the original color for something new.



75.4253, 77.1711, 87.2680



90.6639, 91.9521, 105.2049



74.8007, 76.9213, 83.9785



16.1178, 16.2660, 18.7329



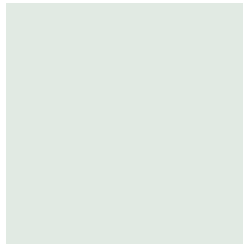
23.8629, 11.7479, 26.1433



1.9090, 0.9366, 2.2383

Previews

White Background



This preview shows how the XYZ color 74.3393, 80.3992, 84.2736 looks on a white background.

Color Contrast Check

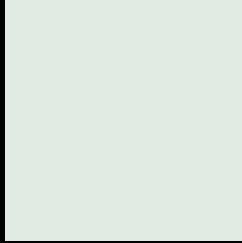
Large Text (above 18pt) WCAG AA × Fail

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 74.3393, 80.3992, 84.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

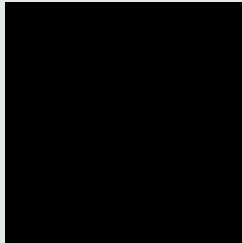
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

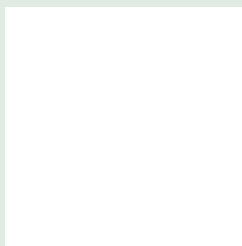
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3393, 80.3992, 84.2736

Background



This preview shows how black text looks on a background with the XYZ color 74.3393, 80.3992, 84.2736.



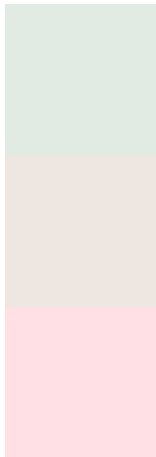
This preview shows how white text looks on a background with the XYZ color 74.3393, 80.3992,

84.2736.

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

74.3393, 80.3992, 84.2736

Protanopia

76.8125, 80.0344, 82.6339

Deuteranopia

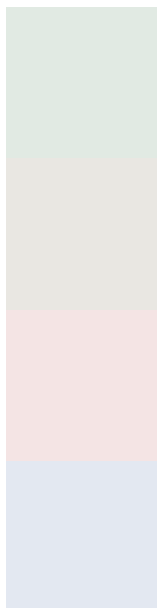
82.0385, 80.2285, 85.2905



Tritanopia

77.6697, 80.4854, 101.0641

Trichromacy



Original Color

74.3393, 80.3992, 84.2736

Protanomaly

75.9077, 79.9665, 83.3858

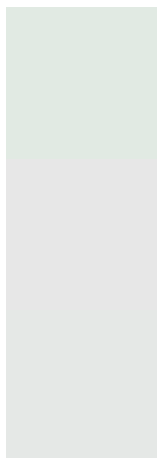
Deuteranomaly

79.0552, 80.3213, 84.7357

Tritanomaly

76.4124, 80.3950, 94.7095

Monochromacy



Original Color

74.3393, 80.3992, 84.2736

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4526, 80.0844, 86.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3393, 80.3992, 84.2736 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(225, 234, 227) looks like.

```
.text, #text, p{  
    color:rgb(225, 234, 227)  
}
```

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(225, 234, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 234, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.3393, 80.3992, 84.2736 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(225, 234, 227) }
```


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

```
.border{ border-color:rgb(225, 234, 227) }
```

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

Here you see how a box with a 4 pixel rgb(225, 234, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 234, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 234, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 234,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3393, 80.3992, 84.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 234, 227) }
```

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

```
.background{ background-color: rgb(225,  
234, 227) }
```

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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