

Converting Colors

XYZ(73.5617, 81.4489, 80.8044)

Have a look what the booklet for
XYZ(73.5617, 81.4489, 80.8044)
contains.

XYZ(73.5932, 81.3719, 80.9348)	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(73.5932, 81.3719,
80.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEDDE
RGB	222, 237, 222
RGB Percent	87%, 93%, 87%
CMY	0.1294, 0.0706, 0.1294
CMYK	0.06, 0.00, 0.06, 0.07
HSL	120°, 29%, 90%
HSV	120°, 6%, 93%
XYZ	73.5932, 81.3719, 80.9348
YIQ	230.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

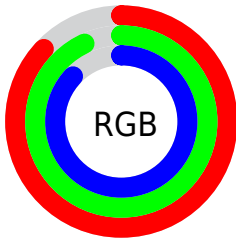
Format	Color
RYB	222, 237, 237
Decimal	14609886
CIELab	92.30, -7.67, 5.55
CIELCh	92, 9.463, 144.107
Yxy	81.3719, 0.3120, 0.3449
Android (android.graphics.Color)	4292799966 (0xFFDEEDDE)
YUV	230.8050, -4.3409, -7.7220
Hunter-Lab	90.2064, -12.2352, 9.9484

Details

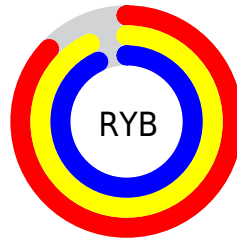
The XYZ color **73.5932, 81.3719, 80.9348** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3354, 76.3635, 90.8411**, and the grayscale version is **75.8460, 79.7959, 86.8978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4353, 44.0533, 42.9839** is the 20% darker color. If you saturate the color by 10%, you get **63.8818, 76.7094, 65.0481**, and if you desaturate by 10%, it is **84.7762, 86.7460, 99.2245**.

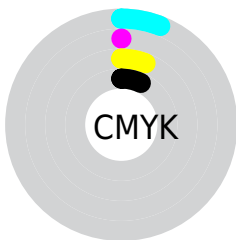
Distribution



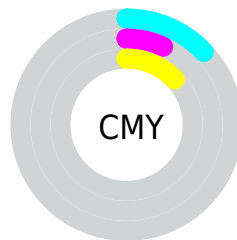
- Red (87%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5932, 81.3719, 80.9348 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 73.5932, 81.3719, 80.9348 by changing the saturation by 10% instead.

73.5932, 81.3719,
80.9348

73.5932, 81.3719,
80.9348

462.1402,
499.5443, 517.8672

54.7513, 60.8479,
59.9572

123.3176,
135.2928, 136.5025

39.4357, 44.1025,
42.9591

154.9307,
169.4586, 171.9296

27.2811, 30.7511,
29.5218

191.5316,
208.9404, 213.0104

17.9221, 20.4094,
19.2270

233.4857,
254.1227, 260.1633

10.9934, 12.6930,
11.6559

281.1582,
305.3899, 313.8069

6.1297, 7.2175,
6.3902

334.9145,

2.9655, 3.5985,

363.1262, 374.3597

3.0111

395.1201,
427.7162, 442.2403

■ 1.1355, 1.4516,
1.1003

■ 0.0545, 0.2543,
0.0000

■ 73.5932, 81.3719,
80.9348

■ 73.5932, 81.3719,
80.9348

■ 63.8818, 76.7094,
65.0481

■ 84.7762, 86.7460,
99.2245

■ 55.5742, 72.7188,
51.4596

■ 89.5758, 89.0515,
107.0753

■ 48.6076, 69.3724,
40.0645

■ 42.9118, 66.6364,
30.7480

■ 38.4101, 64.4741,
23.3846

■ 35.0176, 62.8445,
17.8355

■ 32.6384, 61.7016,
13.9437

■ 31.1600, 60.9915,
11.5255

■ 30.4423, 60.6467,
10.3514

Harmonies

Analogous

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



75.4362, 81.3719, 76.8640



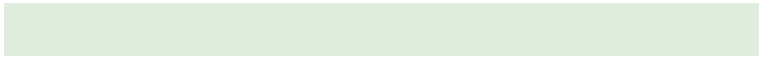
73.5932, 81.3719, 80.9348



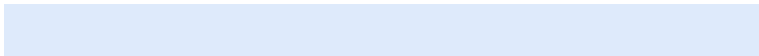
72.7564, 81.3719, 87.2244

Triad

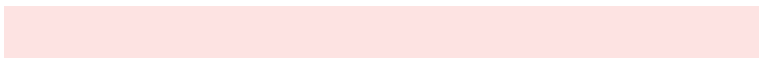
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5932, 81.3719, 80.9348



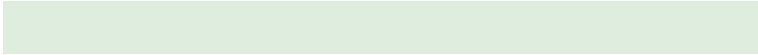
76.8597, 81.3719, 102.6871



81.7150, 81.3719, 83.2110

Complementary

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



73.5932, 81.3719, 80.9348



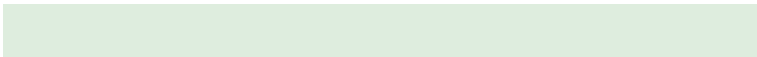
76.3354, 76.3635, 90.8411

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.



82.1154, 81.3719, 89.9904



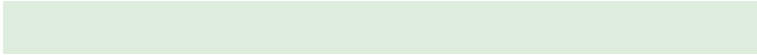
73.5932, 81.3719, 80.9348



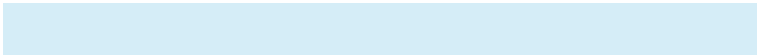
79.2787, 81.3719, 101.4740

Square

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



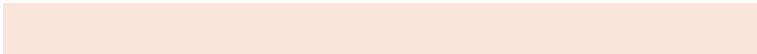
73.5932, 81.3719, 80.9348



74.6165, 81.3719, 99.9676



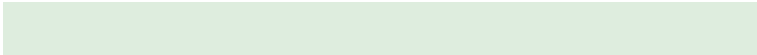
81.2151, 81.3719, 96.7349



80.1321, 81.3719, 78.1289

Rectangle

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



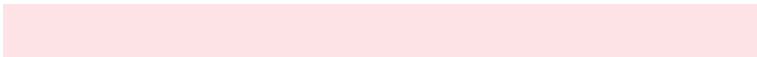
73.5932, 81.3719, 80.9348



72.8688, 81.3719, 91.9244



81.2151, 81.3719, 96.7349



81.9937, 81.3719, 85.3571

Sweetspot

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



73.5955, 81.3754, 80.9366



92.3882, 98.7214, 104.5461



78.3977, 83.8510, 81.1611



19.8027, 21.1438, 22.4228



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.



73.5955, 81.3754, 80.9366



84.8267, 95.0892, 92.1781



74.6237, 81.7867, 86.3512



14.8684, 16.8622, 15.9899



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



76.3354, 76.3635, 90.8411



88.8839, 87.6678, 106.8443



75.2618, 75.9341, 85.1879



15.7149, 15.3138, 19.0498



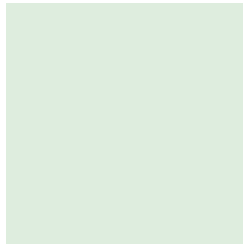
27.4131, 13.1679, 44.8380



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 73.5932, 81.3719, 80.9348 looks on a white background.

Color Contrast Check

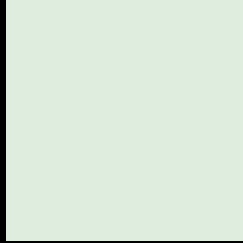
Large Text (above 18pt) WCAG AA × Fail

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 73.5932, 81.3719, 80.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

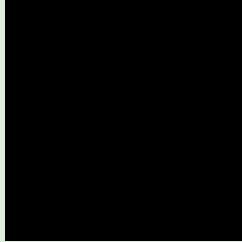
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

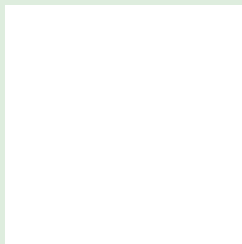
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5932, 81.3719, 80.9348

Background



This preview shows how black text looks on a background with the XYZ color 73.5932, 81.3719, 80.9348.



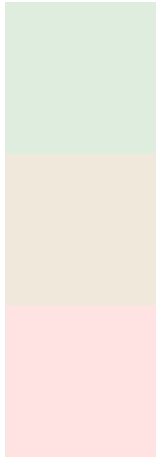
This preview shows how white text looks on a background with the XYZ color 73.5932, 81.3719,

80.9348.

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

73.5932, 81.3719, 80.9348

Protanopia

77.5780, 81.3530, 78.6317

Deuteranopia

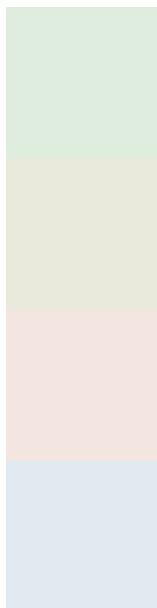
82.1638, 81.1437, 83.2833



Tritanopia

78.2301, 81.5738, 102.8889

Trichromacy



Original Color

73.5932, 81.3719, 80.9348

Protanomaly

75.9454, 81.3366, 79.4069

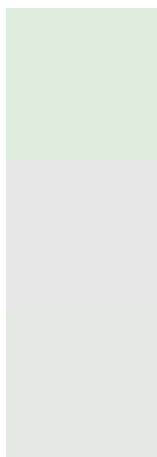
Deuteranomaly

78.8496, 81.0846, 82.7292

Tritanomaly

76.2023, 81.1445, 94.0842

Monochromacy



Original Color

73.5932, 81.3719, 80.9348

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1374, 80.3732, 84.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5932, 81.3719, 80.9348 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(222, 237, 222) looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 222)  
}
```

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(222, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.5932, 81.3719, 80.9348 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(222, 237, 222) }
```


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

```
.border{ border-color:rgb(222, 237, 222) }
```

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

Here you see how a box with a 4 pixel rgb(222, 237, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5932, 81.3719, 80.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 222) }
```

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

```
.background{ background-color: rgb(222,  
237, 222) }
```

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