

Converting Colors

XYZ(73.3681, 81.4978, 65.6290)

Have a look what the booklet for
XYZ(73.3681, 81.4978, 65.6290)
contains.

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Color

**XYZ(73.5480, 81.6808,
65.9224)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EDC7
RGB	231, 237, 199
RGB Percent	91%, 93%, 78%
CMY	0.0941, 0.0706, 0.2196
CMYK	0.03, 0.00, 0.16, 0.07
HSL	69°, 51%, 85%
HSV	69°, 16%, 93%
XYZ	73.5480, 81.6808, 65.9224
YIQ	230.8740, 8.6220, -13.0900

Conversions

Conversions Part 2

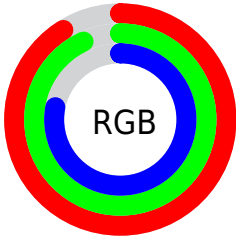
Format	Color
R_{YB}	199, 237, 205
Decimal	15199687
CIE _{Lab}	92.43, -8.35, 17.76
CIE _{LCh}	92, 19.625, 115.182
Yxy	81.6808, 0.3326, 0.3693
Android (android.graphics.Color)	4293389767 (0xFFE7EDC7)
YUV	230.8740, -15.7139, 0.1105
Hunter-Lab	90.3774, -12.8995, 20.0174

Details

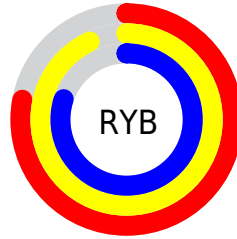
The XYZ color **73.5480, 81.6808, 65.9224** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.8895, 59.9426, 88.4860**, and the grayscale version is **75.9725, 79.9290, 87.0426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3139, 44.2060, 33.2486** is the 20% darker color. If you saturate the color by 10%, you get **69.8128, 80.0513, 52.4847**, and if you desaturate by 10%, it is **77.7421, 83.5023, 81.6220**.

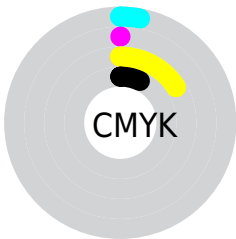
Distribution



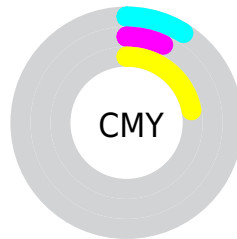
- Red (91%)
- Green (93%)
- Blue (78%)



- Red (78%)
- Yellow (93%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)





- Cyan (9%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5480, 81.6808, 65.9224 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 73.5480, 81.6808, 65.9224 by changing the saturation by 10% instead.


 73.5480, 81.6808,
65.9224

 73.5480, 81.6808,
65.9224

461.9863,
500.5794, 464.4959

 54.7141, 61.1025,
47.7533


123.2538,
135.7263, 115.0009

 39.4058, 44.3079,
33.2730


154.8565,
169.9622, 146.7474

 27.2577, 30.9126,
22.0628


191.4461,
209.5195, 183.8568

 17.9045, 20.5323,
13.7043

233.3881,
254.7824, 226.7476

 10.9807, 12.7826,
7.7789

281.0477,
306.1355, 275.8384

 6.1211, 7.2790,
3.8681

334.7904,

 2.9602, 3.6372,

363.9631, 331.5477

1.5532

394.9815,
428.6496, 394.2940

■ 1.1327, 1.4728,
0.2571

■ 0.0522, 0.2694,
0.0000

■ 73.5480, 81.6808,
65.9224

■ 73.5480, 81.6808,
65.9224

■ 69.8128, 80.0513,
52.4847

■ 77.7421, 83.5023,
81.6220

■ 66.5099, 78.5950,
41.1995

■ 82.4072, 85.5125,
99.6757

■ 63.6201, 77.3068,
31.9562

■ 85.0346, 86.7106,
106.8628

■ 61.1200, 76.1775,
24.6323

■ 86.3349, 87.3809,
106.9236

■ 58.9836, 75.1965,
19.0921

■ 87.6617, 88.0649,
106.9857

■ 57.1816, 74.3523,
15.1822

■ 89.0151, 88.7626,
107.0490

■ 55.6799, 73.6310,
12.7236

■ 89.5758, 89.0517,
107.0753

■ 54.4362, 73.0157,
11.4942

■ 53.9873, 72.7902,
11.2045

Harmonies

Analogous

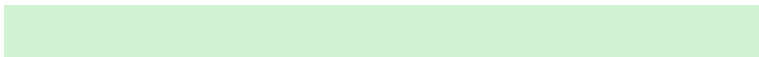
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4594, 81.6808, 63.8456



73.5480, 81.6808, 65.9224



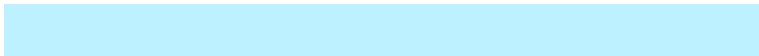
69.8802, 81.6808, 73.8844

Triad

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



73.5480, 81.6808, 65.9224



72.1842, 81.6808, 113.9681



87.7934, 81.6808, 91.3097

Complementary

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



73.5480, 81.6808, 65.9224



60.8895, 59.9426, 88.4860

Split Complementary

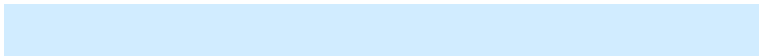
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9436, 81.6808, 105.9056



73.5480, 81.6808, 65.9224



76.8166, 81.6808, 119.8659

Square

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



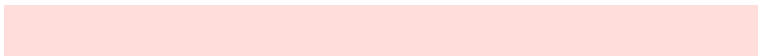
73.5480, 81.6808, 65.9224



69.1172, 81.6808, 101.3936



81.8710, 81.6808, 116.7660



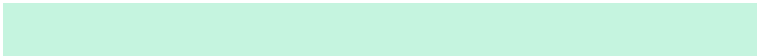
86.8256, 81.6808, 77.5439

Rectangle

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



73.5480, 81.6808, 65.9224



68.5596, 81.6808, 81.9642



81.8710, 81.6808, 116.7660



87.4782, 81.6808, 96.2934

Sweetspot

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



73.5502, 81.6844, 65.9242



92.3273, 98.8258, 98.4105



66.9962, 65.6496, 63.1745



19.6824, 21.1184, 20.7605



0.0000, 0.0000, 0.0000



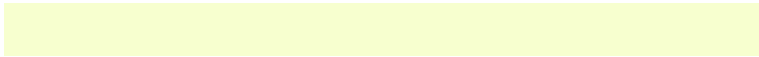
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5502, 81.6844, 65.9242



85.4470, 95.8399, 72.7389



67.8338, 78.7375, 65.6566



16.1046, 17.4995, 16.0477



29.5661, 39.7863, 6.1212



2.3844, 3.1565, 0.4836

Inverse Universe

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



60.8895, 59.9426, 88.4860



68.0455, 65.9550, 103.7519



66.3597, 62.7626, 88.7420



14.4528, 14.6632, 18.9908



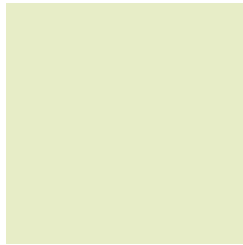
8.8413, 3.5938, 43.9706



0.7612, 0.3167, 3.4559

Previews

White Background



This preview shows how the XYZ color 73.5480, 81.6808, 65.9224 looks on a white background.

Color Contrast Check

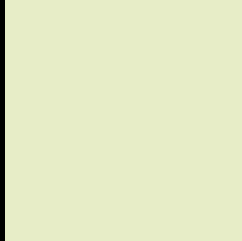
Large Text (above 18pt) WCAG AA × Fail

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 73.5480, 81.6808, 65.9224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

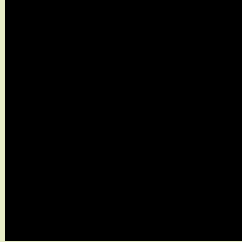
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

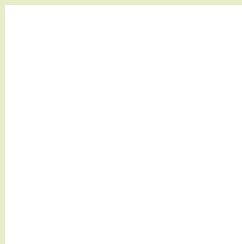
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5480, 81.6808, 65.9224

Background



This preview shows how black text looks on a background with the XYZ color 73.5480, 81.6808, 65.9224.



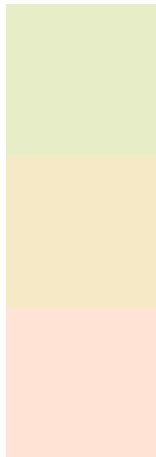
This preview shows how white text looks on a background with the XYZ color 73.5480, 81.6808,

65.9224.

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

73.5480, 81.6808, 65.9224

Protanopia

77.2230, 81.9019, 64.5619

Deuteranopia

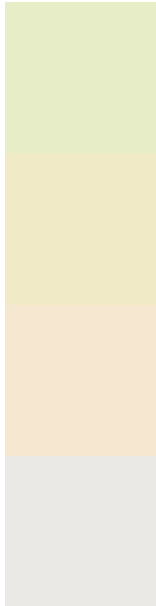
81.1210, 81.6018, 75.0935



Tritanopia

80.5000, 81.5481, 100.3045

Trichromacy



Original Color

73.5480, 81.6808, 65.9224

Protanomaly

75.8915, 81.6236, 65.1811

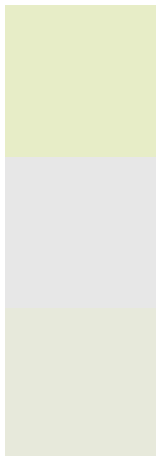
Deuteranomaly

78.0906, 81.3481, 71.9075

Tritanomaly

77.6828, 81.6532, 86.5292

Monochromacy



Original Color

73.5480, 81.6808, 65.9224

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.8801, 80.3812, 78.5864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5480, 81.6808, 65.9224 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(231, 237, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 237, 199)  
}
```

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(231, 237, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 237, 199) }
```

Border

The CSS property to change the border of an element to XYZ 73.5480, 81.6808, 65.9224 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(231, 237, 199) }
```


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

```
.border{ border-color:rgb(231, 237, 199) }
```

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

Here you see how a box with a 4 pixel rgb(231, 237, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 237, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 237, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 237,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5480, 81.6808, 65.9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 237, 199) }
```

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

```
.background{ background-color: rgb(231,  
237, 199) }
```

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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