

Converting Colors

XYZ(65.4468, 72.3359, 70.7147)

Have a look what the booklet for
XYZ(65.4468, 72.3359, 70.7147)
contains.

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Color

**XYZ(65.5852, 72.4509,
70.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E1D1
RGB	212, 225, 209
RGB Percent	83%, 88%, 82%
CMY	0.1686, 0.1176, 0.1804
CMYK	0.06, 0.00, 0.07, 0.12
HSL	109°, 21%, 85%
HSV	109°, 7%, 88%
XYZ	65.5852, 72.4509, 70.8493
YIQ	219.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

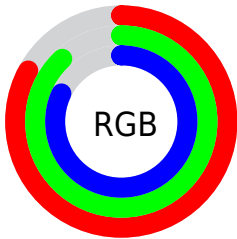
Format	Color
RYB	209, 225, 222
Decimal	13951441
CIELab	88.19, -7.24, 6.32
CIELCh	88, 9.611, 138.880
Yxy	72.4509, 0.3140, 0.3468
Android (android.graphics.Color)	4292141521 (0xFFD4E1D1)
YUV	219.2890, -5.0725, -6.3925
Hunter-Lab	85.1181, -11.4188, 10.2318

Details

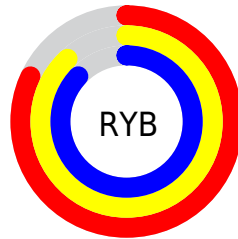
The XYZ color **65.5852, 72.4509, 70.8493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5181, 66.5687, 80.5810**, and the grayscale version is **67.5697, 71.0886, 77.4154**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1957, 38.2841, 36.5976** is the 20% darker color. If you saturate the color by 10%, you get **58.0188, 68.8518, 56.9660**, and if you desaturate by 10%, it is **74.1459, 76.5213, 86.8359**.

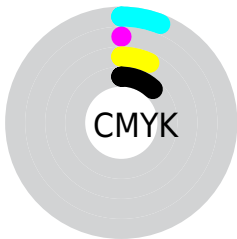
Distribution



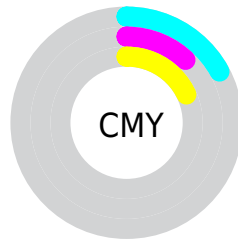
- Red (83%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5852, 72.4509, 70.8493 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 65.5852, 72.4509, 70.8493 by changing the saturation by 10% instead.

■ 65.5852, 72.4509,
70.8493

■ 65.5852, 72.4509,
70.8493

434.4040,
469.1095, 482.3959

■ 48.2022, 53.5271,
51.7381

111.9518,
122.6974, 122.1116

■ 34.1990, 38.2237,
36.4156

141.6661,
154.7888, 155.0998

■ 23.2101, 26.1564,
24.4631

176.2216,
192.0383, 193.5507

■ 14.8703, 16.9407,
15.4621

215.9837,
234.8302, 237.8830

■ 8.8141, 10.1922,
8.9942

261.3175,
283.5488, 288.5151

■ 4.6763, 5.5266,
4.6406

312.5887,

■ 2.0914, 2.5594,

338.5787, 345.8656

1.9830

370.1624,
400.3041, 410.3530

■ 0.6845, 0.9063,
0.5448

■ 0.0000, 0.0000,
0.0000

■ 65.5852, 72.4509,
70.8493

■ 65.5852, 72.4509,
70.8493

■ 58.0188, 68.8518,
56.9660

■ 74.1459, 76.5213,
86.8359

■ 51.4046, 65.6980,
45.0939

■ 83.7293, 81.0695,
105.0032

■ 45.7060, 62.9747,
35.1412

■ 86.2166, 82.3332,
105.9555

■ 40.8820, 60.6628,
27.0070

■ 36.8883, 58.7421,
20.5813

■ 33.6765, 57.1901,
15.7422

■ 31.1931, 55.9824,
12.3515

■ 29.3774, 55.0911,
10.2475

■ 28.1555, 54.4827,
9.2188

Harmonies

Analogous

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



67.4417, 72.4509, 67.5023



65.5852, 72.4509, 70.8493



64.6147, 72.4509, 76.4698

Triad

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



65.5852, 72.4509, 70.8493



68.0132, 72.4509, 91.9746



73.1310, 72.4509, 74.8600

Complementary

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



65.5852, 72.4509, 70.8493



66.5181, 66.5687, 80.5810

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.



73.2923, 72.4509, 81.3540



65.5852, 72.4509, 70.8493



70.3030, 72.4509, 91.4841

Square

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



65.5852, 72.4509, 70.8493



65.9956, 72.4509, 88.8150



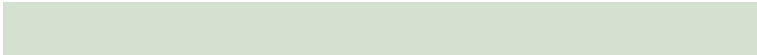
72.2470, 72.4509, 87.5101



71.8111, 72.4509, 69.7274

Rectangle

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



65.5852, 72.4509, 70.8493



64.5859, 72.4509, 80.8574



72.2470, 72.4509, 87.5101



73.3236, 72.4509, 76.9483

Sweetspot

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



65.5872, 72.4540, 70.8509



92.7314, 98.8983, 104.5621



68.6312, 72.7507, 70.7477



19.8727, 21.1799, 22.4260



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.



65.5872, 72.4540, 70.8509



85.0416, 95.2422, 90.2826



65.3340, 72.2537, 73.9892



13.7673, 15.4602, 14.5653



16.1421, 31.3541, 5.2012



1.1891, 2.2095, 0.3638

Inverse Universe

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



66.5181, 66.5687, 80.5810



86.5957, 85.4146, 106.5303



66.7992, 66.7883, 77.2227



14.0300, 13.7990, 17.3117



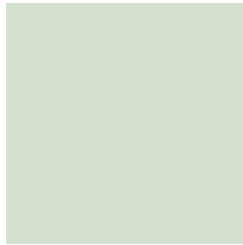
19.1541, 8.9696, 41.7701



1.3936, 0.6557, 2.8984

Previews

White Background



This preview shows how the XYZ color 65.5852, 72.4509, 70.8493 looks on a white background.

Color Contrast Check

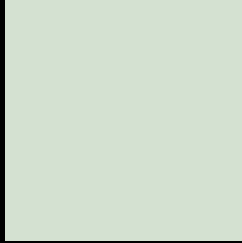
Large Text (above 18pt) WCAG AA × Fail

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 65.5852, 72.4509, 70.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

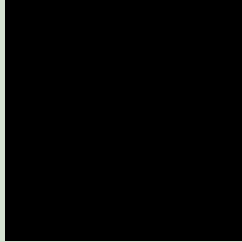
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

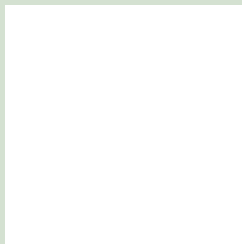
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5852, 72.4509, 70.8493

Background



This preview shows how black text looks on a background with the XYZ color 65.5852, 72.4509, 70.8493.

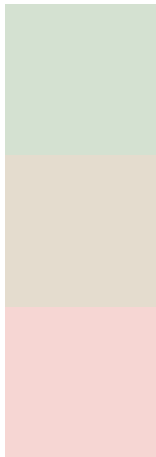


This preview shows how white text looks on a background with the XYZ color 65.5852, 72.4509, 70.8493.

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

65.5852, 72.4509, 70.8493

Protanopia

68.7287, 72.1366, 68.6939

Deuteranopia

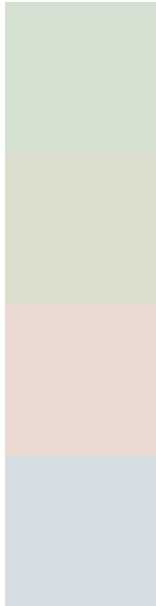
73.8105, 72.3891, 71.7103



Tritanopia

69.9043, 72.6377, 91.2250

Trichromacy



Original Color

65.5852, 72.4509, 70.8493

Protanomaly

67.5080, 72.2771, 69.4243

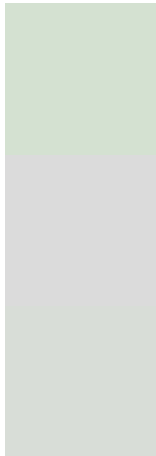
Deuteranomaly

70.6359, 72.2884, 71.2029

Tritanomaly

68.0107, 72.2357, 83.0314

Monochromacy



Original Color

65.5852, 72.4509, 70.8493

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.4411, 71.2181, 74.5346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5852, 72.4509, 70.8493 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(212, 225, 209) looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 209)  
}
```

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(212, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.5852, 72.4509, 70.8493 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(212, 225, 209) }
```


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

```
.border{ border-color:rgb(212, 225, 209) }
```

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

Here you see how a box with a 4 pixel rgb(212, 225, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5852, 72.4509, 70.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 209) }
```

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

```
.background{ background-color: rgb(212,  
225, 209) }
```

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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