

Converting Colors

XYZ(65.2251, 72.3573, 65.1351)

Have a look what the booklet for
XYZ(65.2251, 72.3573, 65.1351)
contains.

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Color

**XYZ(65.3749, 72.4676,
65.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E1C8
RGB	215, 225, 200
RGB Percent	84%, 88%, 78%
CMY	0.1569, 0.1176, 0.2157
CMYK	0.04, 0.00, 0.11, 0.12
HSL	84°, 29%, 83%
HSV	84°, 11%, 88%
XYZ	65.3749, 72.4676, 65.1856
YIQ	219.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

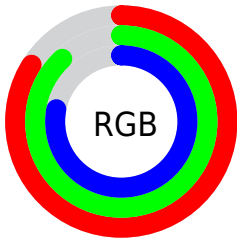
Format	Color
RYB	200, 225, 210
Decimal	14148040
CIELab	88.19, -7.75, 11.08
CIELCh	88, 13.521, 124.959
Yxy	72.4676, 0.3220, 0.3569
Android (android.graphics.Color)	4292338120 (0xFFD7E1C8)
YUV	219.1600, -9.4459, -3.6483
Hunter-Lab	85.1279, -11.8928, 14.1890

Details

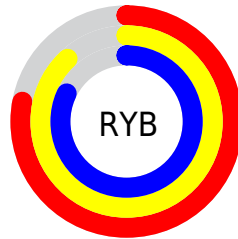
The XYZ color **65.3749, 72.4676, 65.1856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8260, 60.4484, 79.6997**, and the grayscale version is **67.5072, 71.0228, 77.3438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0602, 38.2984, 32.7913** is the 20% darker color. If you saturate the color by 10%, you get **60.3658, 70.1693, 52.2198**, and if you desaturate by 10%, it is **70.9205, 75.0021, 80.1996**.

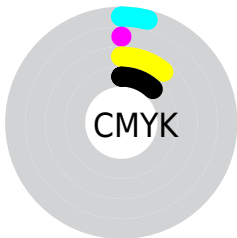
Distribution



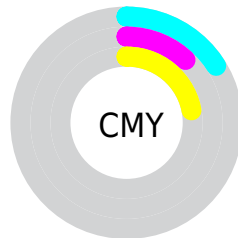
- Red (84%)
- Green (88%)
- Blue (78%)



- Red (78%)
- Yellow (88%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3749, 72.4676, 65.1856 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 65.3749, 72.4676, 65.1856 by changing the saturation by 10% instead.

65.3749, 72.4676,
65.1856

65.3749, 72.4676,
65.1856

433.6619,
469.1675, 461.7831

48.0310, 53.5407,
47.1593

111.6514,
122.7211, 113.9325

34.0628, 38.2346,
32.8064

141.3147,
154.8165, 145.4901

23.1049, 26.1648,
21.7082

175.8151,
192.0703, 182.3953

14.7921, 16.9470,
13.4464

215.5180,
234.8667, 225.0666

8.7590, 10.1967,
7.6023

260.7888,
283.5903, 273.9224

4.6402, 5.5296,
3.7575

311.9928,

2.0703, 2.5612,

338.6253, 329.3814

1.4933

369.4954,
400.3563, 391.8622

■ 0.6730, 0.9072,
0.2129

■ 0.0000, 0.0000,
0.0000

■ 65.3749, 72.4676,
65.1856

■ 65.3749, 72.4676,
65.1856

■ 60.3658, 70.1693,
52.2198

■ 70.9205, 75.0021,
80.1996

■ 55.8681, 68.0897,
41.2087

■ 77.0148, 77.7707,
97.3406

■ 51.8633, 66.2235,
32.0586

■ 81.5976, 79.9521,
105.7394

■ 48.3295, 64.5617,
24.6662

■ 84.7644, 81.5846,
105.8876

■ 45.2425, 63.0944,
18.9180

■ 86.2166, 82.3333,
105.9555

■ 42.5759, 61.8105,
14.6875

■ 40.2994, 60.6979,
11.8294

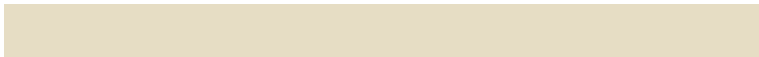
■ 38.3773, 59.7417,
10.1703

■ 36.9151, 59.0025,
9.4430

Harmonies

Analogous

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



68.3419, 72.4676, 62.4531



65.3749, 72.4676, 65.1856



63.3945, 72.4676, 71.6016

Triad

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



65.3749, 72.4676, 65.1856



66.2786, 72.4676, 96.1722



75.2636, 72.4676, 77.3748

Complementary

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



65.3749, 72.4676, 65.1856



60.8260, 60.4484, 79.6997

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.



74.6696, 72.4676, 86.6887



65.3749, 72.4676, 65.1856



69.4174, 72.4676, 98.0185

Square

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



65.3749, 72.4676, 65.1856



63.9046, 72.4676, 89.5600



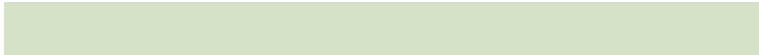
72.5046, 72.4676, 94.4255



74.1035, 72.4676, 69.1303

Rectangle

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



65.3749, 72.4676, 65.1856



62.8654, 72.4676, 77.3498



72.5046, 72.4676, 94.4255



75.2628, 72.4676, 80.4807

Sweetspot

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



65.3769, 72.4707, 65.1872



92.7255, 98.9411, 102.4895



64.5259, 66.2733, 64.0358



19.7165, 21.1179, 21.5796



0.0000, 0.0000, 0.0000



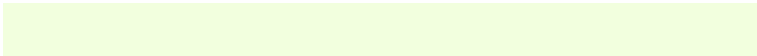
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3769, 72.4707, 65.1872



85.4523, 95.6166, 82.9539



61.8454, 70.6502, 65.0219



14.3135, 15.7418, 14.5908



21.4063, 34.0679, 5.4475



1.5840, 2.4131, 0.3823

Inverse Universe

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



60.8260, 60.4484, 79.6997



78.4299, 77.0644, 105.3490



64.5251, 62.3553, 79.8729



13.4685, 13.5095, 17.2854



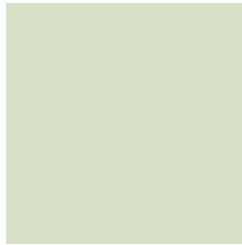
10.3861, 4.4496, 41.3598



0.8190, 0.3595, 2.8715

Previews

White Background



This preview shows how the XYZ color 65.3749, 72.4676, 65.1856 looks on a white background.

Color Contrast Check

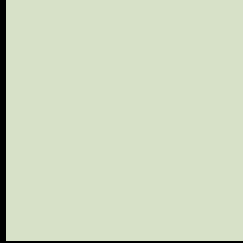
Large Text (above 18pt) WCAG AA × Fail

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 65.3749, 72.4676, 65.1856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

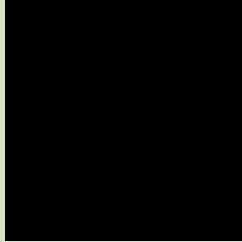
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

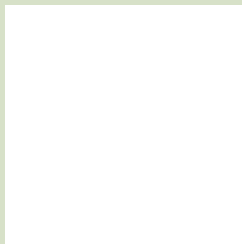
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3749, 72.4676, 65.1856

Background



This preview shows how black text looks on a background with the XYZ color 65.3749, 72.4676, 65.1856.



This preview shows how white text looks on a background with the XYZ color 65.3749, 72.4676,

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

65.3749, 72.4676, 65.1856

Protanopia

68.4194, 72.0866, 63.7341

Deuteranopia

73.5218, 71.9925, 65.8980



Tritanopia

70.6981, 72.6730, 90.4219

Trichromacy



Original Color

65.3749, 72.4676, 65.1856

Protanomaly

67.4814, 72.3736, 64.4457

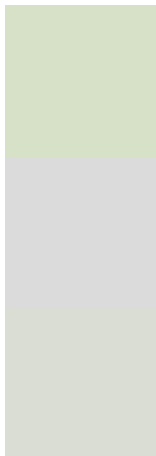
Deuteranomaly

70.2805, 71.8473, 65.4221

Tritanomaly

68.7892, 72.6844, 80.9249

Monochromacy



Original Color

65.3749, 72.4676, 65.1856

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6536, 71.3718, 72.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3749, 72.4676, 65.1856 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(215, 225, 200) looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 200)  
}
```

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(215, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.3749, 72.4676, 65.1856 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(215, 225, 200) }
```


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

```
.border{ border-color:rgb(215, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3749, 72.4676, 65.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 200) }
```

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

```
.background{ background-color: rgb(215,  
225, 200) }
```

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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