

Converting Colors

XYZ(64.4914, 72.5569, 64.5824)

Have a look what the booklet for
XYZ(64.4914, 72.5569, 64.5824)
contains.

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Color

**XYZ(64.3691, 72.3651,
64.6081)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E2C7
RGB	211, 226, 199
RGB Percent	83%, 89%, 78%
CMY	0.1725, 0.1137, 0.2196
CMYK	0.07, 0.00, 0.12, 0.11
HSL	93°, 32%, 83%
HSV	93°, 12%, 89%
XYZ	64.3691, 72.3651, 64.6081
YIQ	218.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

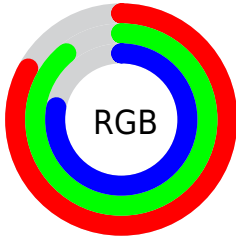
Format	Color
RYB	199, 226, 214
Decimal	13886151
CIELab	88.14, -9.81, 11.50
CIELCh	88, 15.113, 130.478
Yxy	72.3651, 0.3197, 0.3594
Android (android.graphics.Color)	4292076231 (0xFFD3E2C7)
YUV	218.4370, -9.5824, -6.5222
Hunter-Lab	85.0677, -13.8009, 14.5172

Details

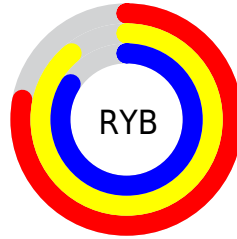
The XYZ color **64.3691, 72.3651, 64.6081** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.8854, 60.6360, 80.3975**, and the grayscale version is **67.0082, 70.4978, 76.7721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3840, 38.2381, 32.4092** is the 20% darker color. If you saturate the color by 10%, you get **58.4798, 69.6122, 51.6371**, and if you desaturate by 10%, it is **70.9333, 75.4251, 79.6480**.

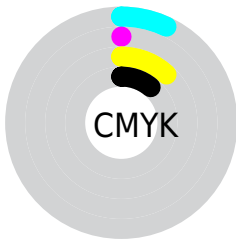
Distribution



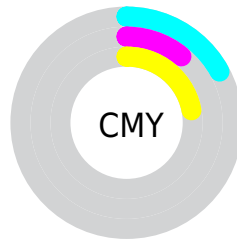
- Red (83%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3691, 72.3651, 64.6081 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 64.3691, 72.3651, 64.6081 by changing the saturation by 10% instead.

■ 64.3691, 72.3651,
64.6081

■ 64.3691, 72.3651,
64.6081

430.1024,
468.8114, 459.6499

■ 47.2125, 53.4570,
46.6940

110.2131,
122.5755, 113.0941

■ 33.4123, 38.1677,
32.4412

139.6312,
154.6465, 144.5032

■ 22.6032, 26.1129,
21.4311

173.8671,
191.8739, 181.2476

■ 14.4199, 16.9081,
13.2452

213.2863,
234.6422, 223.7460

■ 8.4969, 10.1690,
7.4649

258.2541,
283.3357, 272.4169

■ 4.4690, 5.5111,
3.6717

309.1358,

■ 1.9707, 2.5502,

338.3388, 327.6788

1.4470

366.2968,
400.0359, 389.9503

■ 0.6174, 0.9017,
0.1780

■ 0.0000, 0.0000,
0.0000

■ 64.3691, 72.3651,
64.6081

■ 64.3691, 72.3651,
64.6081

■ 58.4798, 69.6122,
51.6371

■ 70.9333, 75.4251,
79.6480

■ 53.2358, 67.1468,
40.6397

■ 78.1886, 78.7924,
96.8370

■ 48.6142, 64.9614,
31.5205

■ 84.1988, 81.6955,
105.9388

■ 44.5882, 63.0443,
24.1740

■ 86.4878, 82.8756,
106.0459

■ 41.1286, 61.3832,
18.4844

■ 38.2035, 59.9643,
14.3220

■ 35.7767, 58.7723,
11.5380

■ 33.8062, 57.7896,
9.9535

■ 32.5007, 57.1293,
9.3141

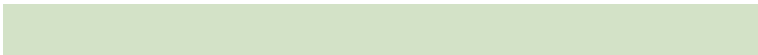
Harmonies

Analogous

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



67.5252, 72.3651, 60.8043



64.3691, 72.3651, 64.6081



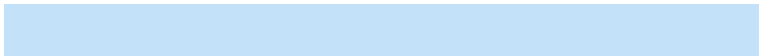
62.4389, 72.3651, 72.3302

Triad

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



64.3691, 72.3651, 64.6081



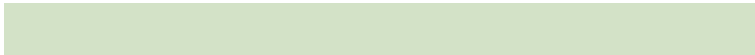
66.4855, 72.3651, 99.0717



75.8405, 72.3651, 75.2302

Complementary

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



64.3691, 72.3651, 64.6081



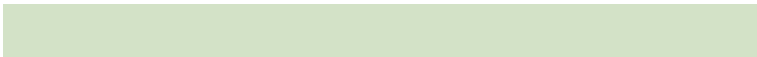
61.8854, 60.6360, 80.3975

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.



75.5383, 72.3651, 85.6303



64.3691, 72.3651, 64.6081



70.0520, 72.3651, 100.0205

Square

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



64.3691, 72.3651, 64.6081



63.6309, 72.3651, 92.4269



73.3897, 72.3651, 94.9162



74.2015, 72.3651, 66.5709

Rectangle

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



64.3691, 72.3651, 64.6081



62.0655, 72.3651, 78.9594



73.3897, 72.3651, 94.9162



75.9639, 72.3651, 78.6274

Sweetspot

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



64.3711, 72.3682, 64.6097



91.3964, 98.3012, 100.3831



65.6843, 68.3123, 63.7576



19.4191, 20.9737, 21.1542



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.



64.3711, 72.3682, 64.6097



82.9007, 94.3403, 81.0653



61.2180, 70.7246, 65.2842



14.1040, 15.6338, 14.5810



18.6726, 32.6586, 5.3196



1.3960, 2.3162, 0.3735

Inverse Universe

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



61.8854, 60.6360, 80.3975



79.1025, 76.4142, 105.1880



65.3331, 62.4347, 79.5954



13.6767, 13.6169, 17.2952



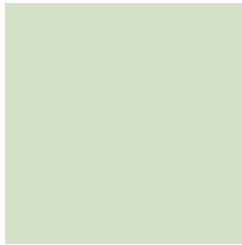
12.8432, 5.7162, 41.4748



0.9927, 0.4491, 2.8796

Previews

White Background



This preview shows how the XYZ color 64.3691, 72.3651, 64.6081 looks on a white background.

Color Contrast Check

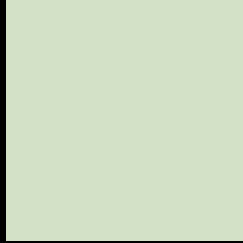
Large Text (above 18pt) WCAG AA × Fail

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 64.3691, 72.3651, 64.6081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

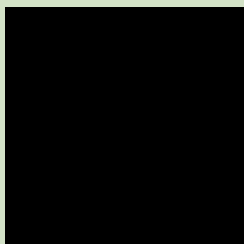
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

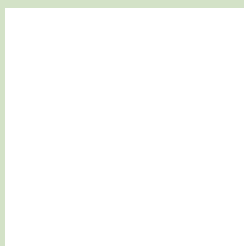
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3691, 72.3651, 64.6081

Background



This preview shows how black text looks on a background with the XYZ color 64.3691, 72.3651, 64.6081.



This preview shows how white text looks on a background with the XYZ color 64.3691, 72.3651, 64.6081.

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



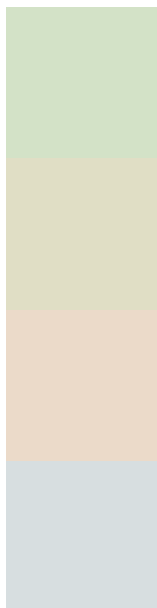
Original Color
64.3691, 72.3651, 64.6081
Protanopia
68.5120, 72.1608, 62.5420
Deuteranopia
73.5218, 71.9925, 65.8980



Tritanopia

69.6411, 72.1112, 91.1373

Trichromacy



Original Color

64.3691, 72.3651, 64.6081

Protanomaly

66.9398, 72.1211, 63.2160

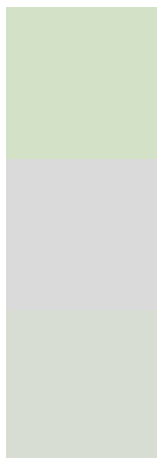
Deuteranomaly

69.8750, 72.0220, 65.4772

Tritanomaly

67.6002, 72.0714, 80.8693

Monochromacy



Original Color

64.3691, 72.3651, 64.6081

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.6387, 70.8631, 71.8464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3691, 72.3651, 64.6081 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(211, 226, 199) looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 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(211, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 199) }
```

Border

The CSS property to change the border of an element to XYZ 64.3691, 72.3651, 64.6081 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(211, 226, 199) }
```


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

```
.border{ border-color:rgb(211, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 226, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 226, 199); box-shadow:4px 4px 4px 4px rgb(211, 226, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3691, 72.3651, 64.6081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 199) }
```

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

```
.background{ background-color: rgb(211,  
226, 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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