

Converting Colors

XYZ(66.0025, 74.6445, 63.6427)

Have a look what the booklet for
XYZ(66.0025, 74.6445, 63.6427)
contains.

XYZ(65.8289, 74.3660, 63.7078)	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(65.8289, 74.3660,
63.7078)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E5C5
RGB	214, 229, 197
RGB Percent	84%, 90%, 77%
CMY	0.1608, 0.1019, 0.2274
CMYK	0.07, 0.00, 0.14, 0.10
HSL	88°, 38%, 84%
HSV	88°, 14%, 90%
XYZ	65.8289, 74.3660, 63.7078
YIQ	220.8670, 1.3320, -13.1320

Conversions

Conversions Part 2

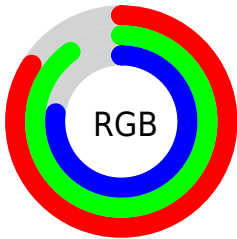
Format	Color
RYB	197, 229, 212
Decimal	14083525
CIELab	89.10, -10.62, 13.92
CIELCh	89, 17.506, 127.331
Yxy	74.3660, 0.3228, 0.3647
Android (android.graphics.Color)	4292273605 (0xFFD6E5C5)
YUV	220.8670, -11.7664, -6.0224
Hunter-Lab	86.2357, -14.6528, 16.5637

Details

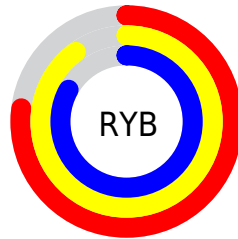
The XYZ color **65.8289, 74.3660, 63.7078** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.2634, 59.5887, 82.4056**, and the grayscale version is **68.7150, 72.2935, 78.7276**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.3921, 39.6262, 31.8226** is the 20% darker color. If you saturate the color by 10%, you get **60.3713, 71.8352, 50.7798**, and if you desaturate by 10%, it is **71.8957, 77.1692, 78.7482**.

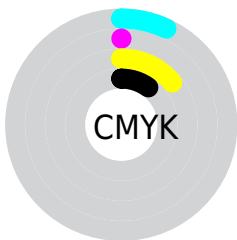
Distribution



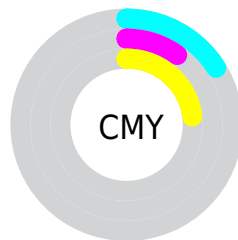
- Red (84%)
- Green (90%)
- Blue (77%)



- Red (77%)
- Yellow (90%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8289, 74.3660, 63.7078 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 65.8289, 74.3660, 63.7078 by changing the saturation by 10% instead.

65.8289, 74.3660,
63.7078

65.8289, 74.3660,
63.7078

435.2630,
475.7356, 456.3122

48.4007, 55.0936,
45.9694

112.2998,
125.4145, 111.7854

34.3569, 39.4767,
31.8732

142.0733,
157.9594, 142.9617

23.3321, 27.1308,
21.0006

176.6925,
195.6974, 179.4544

14.9610, 17.6715,
12.9332

216.5229,
239.0127, 221.6820

8.8781, 10.7144,
7.2524

261.9298,
288.2898, 270.0630

4.7182, 5.8751,
3.5396

313.2785,

2.1160, 2.7693,

343.9130, 325.0160

1.3763

370.9345,
406.2668, 386.9595

■ 0.6979, 1.0125,
0.1232

■ 0.0000, 0.0000,
0.0000

■ 65.8289, 74.3660,
63.7078

■ 65.8289, 74.3660,
63.7078

■ 60.3713, 71.8352,
50.7798

■ 71.8957, 77.1692,
78.7482

■ 55.4952, 69.5580,
39.8648

■ 78.5864, 80.2438,
95.9846

■ 51.1790, 67.5277,
30.8625

■ 84.1508, 82.8926,
106.1724

■ 47.3977, 65.7339,
23.6623

■ 87.3108, 84.5216,
106.3203

■ 44.1237, 64.1649,
18.1421

■ 41.3266, 62.8080,
14.1646

■ 38.9716, 61.6489,
11.5709

■ 37.0171, 60.6704,
10.1678

■ 35.9959, 60.1529,
9.7135

Harmonies

Analogous

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



69.6422, 74.3660, 59.8544



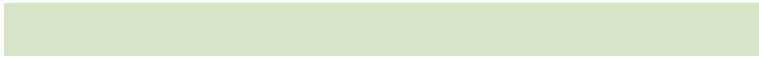
65.8289, 74.3660, 63.7078



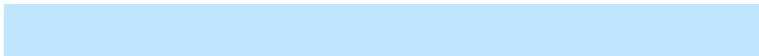
63.3876, 74.3660, 72.2595

Triad

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



65.8289, 74.3660, 63.7078



67.5712, 74.3660, 104.6153



79.1257, 74.3660, 78.0142

Complementary

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



65.8289, 74.3660, 63.7078



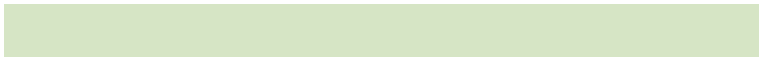
61.2634, 59.5887, 82.4056

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.



78.5170, 74.3660, 90.3579



65.8289, 74.3660, 63.7078



71.7334, 74.3660, 106.5503

Square

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



65.8289, 74.3660, 63.7078



64.3649, 74.3660, 96.0537



75.7693, 74.3660, 101.1032



77.4008, 74.3660, 67.5577

Rectangle

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



65.8289, 74.3660, 63.7078



62.8089, 74.3660, 79.8839



75.7693, 74.3660, 101.1032



79.1884, 74.3660, 82.0698

Sweetspot

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



65.8309, 74.3692, 63.7094



91.7134, 98.4646, 100.3980



65.9208, 67.7456, 62.4262



19.4992, 21.0150, 21.1580



0.0000, 0.0000, 0.0000



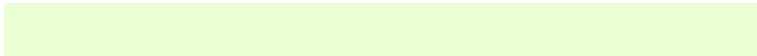
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8309, 74.3692, 63.7094



81.7536, 93.8629, 75.8646



61.4058, 72.0880, 63.5023



14.9166, 16.4641, 15.2961



20.7200, 34.4630, 5.5600



1.6382, 2.6019, 0.4159

Inverse Universe

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



61.2634, 59.5887, 82.4056



74.7764, 71.2836, 104.4257



66.0857, 62.0747, 82.6313



14.2221, 14.2167, 18.1388



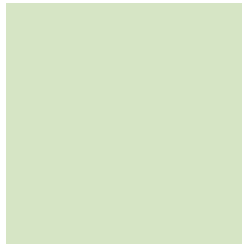
11.7144, 5.1049, 42.7511



0.9721, 0.4321, 3.1641

Previews

White Background



This preview shows how the XYZ color 65.8289, 74.3660, 63.7078 looks on a white background.

Color Contrast Check

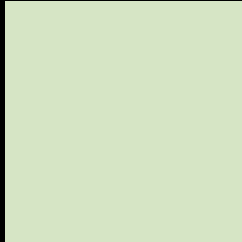
Large Text (above 18pt) WCAG AA × Fail

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 65.8289, 74.3660, 63.7078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

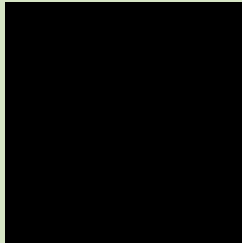
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

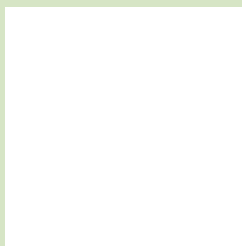
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8289, 74.3660, 63.7078

Background



This preview shows how black text looks on a background with the XYZ color 65.8289, 74.3660, 63.7078.



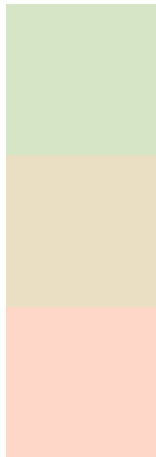
This preview shows how white text looks on a background with the XYZ color 65.8289, 74.3660,

63.7078.

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

65.8289, 74.3660, 63.7078

Protanopia

70.0570, 74.1628, 61.6614

Deuteranopia

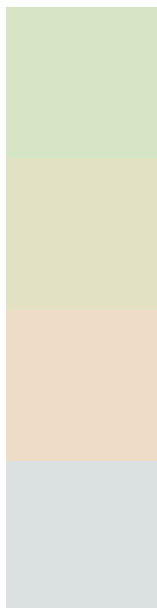
75.5988, 73.8418, 64.9120



Tritanopia

71.9346, 74.4388, 93.0148

Trichromacy



Original Color

65.8289, 74.3660, 63.7078

Protanomaly

68.4541, 74.1215, 62.3287

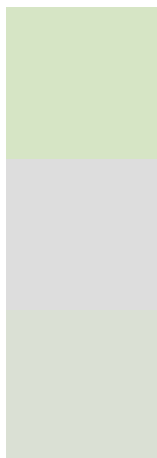
Deuteranomaly

71.4986, 73.6606, 64.4824

Tritanomaly

69.2932, 74.1377, 81.1789

Monochromacy



Original Color

65.8289, 74.3660, 63.7078

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4528, 72.9702, 72.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8289, 74.3660, 63.7078 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(214, 229, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 229, 197)  
}
```

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(214, 229, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 229, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.8289, 74.3660, 63.7078 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(214, 229, 197) }
```


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

```
.border{ border-color:rgb(214, 229, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 229, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 229, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 229, 197); box-shadow:4px 4px 4px 4px rgb(214, 229, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8289, 74.3660, 63.7078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 229, 197) }
```

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

```
.background{ background-color: rgb(214,  
229, 197) }
```

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