

Converting Colors

XYZ(69.2000, 80.6438, 64.4756)

Have a look what the booklet for
XYZ(69.2000, 80.6438, 64.4756)
contains.

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Color

**XYZ(69.2625, 80.7985,
64.7685)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F0C5
RGB	215, 240, 197
RGB Percent	84%, 94%, 77%
CMY	0.1569, 0.0588, 0.2274
CMYK	0.10, 0.00, 0.18, 0.06
HSL	95°, 59%, 86%
HSV	95°, 18%, 94%
XYZ	69.2625, 80.7985, 64.7685
YIQ	227.6230, -1.0970, -18.6730

Conversions

Conversions Part 2

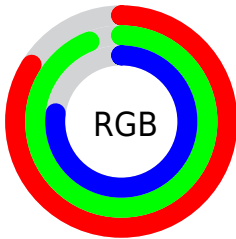
Format	Color
RYB	197, 240, 222
Decimal	14151877
CIELab	92.04, -15.76, 18.08
CIELCh	92, 23.980, 131.075
Yxy	80.7985, 0.3224, 0.3761
Android (android.graphics.Color)	4292341957 (0xFFD7F0C5)
YUV	227.6230, -15.0971, -11.0704
Hunter-Lab	89.8880, -19.7622, 20.2004

Details

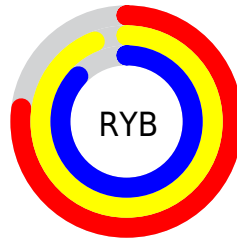
The XYZ color **69.2625, 80.7985, 64.7685** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.8219, 61.7557, 90.8932**, and the grayscale version is **73.5766, 77.4083, 84.2977**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **36.5956, 43.7377, 32.5000** is the 20% darker color. If you saturate the color by 10%, you get **62.8044, 77.7645, 51.2358**, and if you desaturate by 10%, it is **76.5124, 84.1949, 80.6270**.

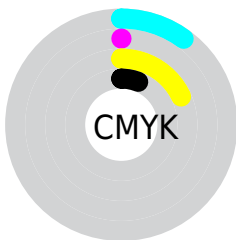
Distribution



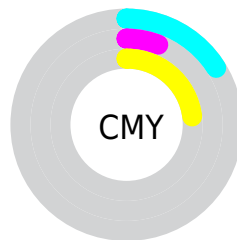
- Red (84%)
- Green (94%)
- Blue (77%)



- Red (77%)
- Yellow (94%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2625, 80.7985, 64.7685 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 69.2625, 80.7985, 64.7685 by changing the saturation by 10% instead.

69.2625, 80.7985,
64.7685

69.2625, 80.7985,
64.7685

447.2632,
497.6198, 460.2430

51.2029, 60.3757,
46.8232

117.1884,
134.4878, 113.3271

36.5918, 43.7215,
32.5426

147.7855,
168.5230, 144.7774

25.0639, 30.4516,
21.5080

183.2925,
207.8646, 181.5666

16.2536, 20.1816,
13.3010

224.0747,
252.8967, 224.1131

9.7958, 12.5271,
7.5030

270.4976,
304.0039, 272.8354

5.3250, 7.1038,
3.6954

322.9263,

2.4759, 3.5271,

361.5706, 328.1521

1.4598

381.7264,
425.9811, 390.4818

■ 0.8831, 1.4127,
0.1877

■ 0.0000, 0.2261,
0.0000

■ 69.2625, 80.7985,
64.7685

■ 69.2625, 80.7985,
64.7685

■ 62.8044, 77.7645,
51.2358

■ 76.5124, 84.1949,
80.6270

■ 57.1023, 75.0697,
39.9144

■ 84.5752, 87.9551,
98.9082

■ 52.1270, 72.7038,
30.6880

■ 90.4517, 90.8034,
107.3672

■ 47.8446, 70.6524,
23.4275

■ 44.2181, 68.8995,
17.9894

■ 41.2063, 67.4274,
14.2110

■ 38.7620, 66.2159,
11.9003

■ 36.8240, 65.2393,
10.7951

■ 36.4676, 65.0587,
10.6356

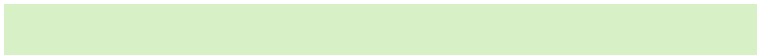
Harmonies

Analogous

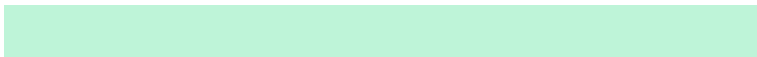
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5401, 80.7985, 58.6679



69.2625, 80.7985, 64.7685



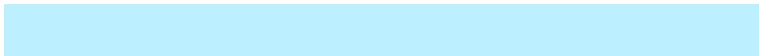
66.1122, 80.7985, 77.4103

Triad

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



69.2625, 80.7985, 64.7685



73.0129, 80.7985, 124.1875



89.0372, 80.7985, 81.6092

Complementary

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



69.2625, 80.7985, 64.7685



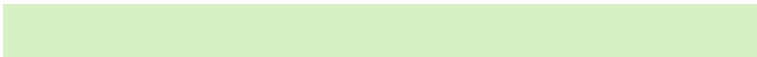
65.8219, 61.7557, 90.8932

Split Complementary

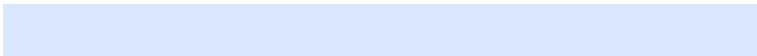
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5741, 80.7985, 99.4615



69.2625, 80.7985, 64.7685



79.0981, 80.7985, 125.7084

Square

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



69.2625, 80.7985, 64.7685



68.1961, 80.7985, 112.2410



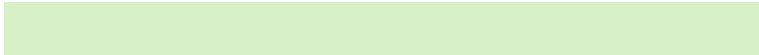
84.8580, 80.7985, 116.1542



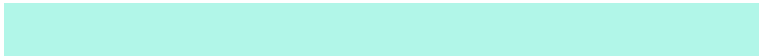
86.0913, 80.7985, 67.4871

Rectangle

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



69.2625, 80.7985, 64.7685



65.5355, 80.7985, 88.6150



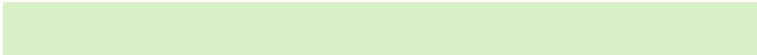
84.8580, 80.7985, 116.1542



89.2789, 80.7985, 87.3398

Sweetspot

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



69.2647, 80.8020, 64.7703



90.3895, 97.8268, 98.3198



71.9698, 74.4664, 63.4048



19.2110, 20.8754, 20.7384



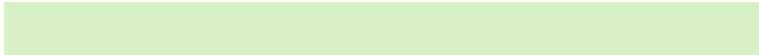
0.0000, 0.0000, 0.0000



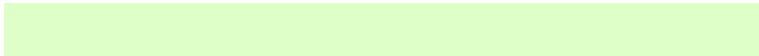
20.3446, 21.4041, 23.3091

Same Dimension

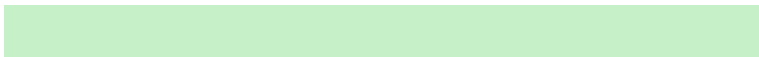
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2647, 80.8020, 64.7703



76.2981, 91.2286, 67.5595



64.5982, 78.3580, 66.2832



16.1928, 17.9796, 16.7667



20.1056, 35.6864, 5.8285



1.7835, 3.0259, 0.4901

Inverse Universe

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



65.8219, 61.7557, 90.8932



71.5733, 65.0963, 103.4003



71.2101, 64.5822, 88.9394



15.7778, 15.6827, 19.9171



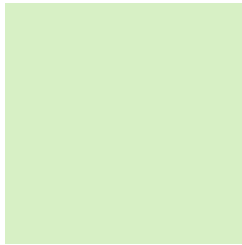
14.6438, 6.5545, 45.6212



1.3313, 0.6036, 3.8006

Previews

White Background



This preview shows how the XYZ color 69.2625, 80.7985, 64.7685 looks on a white background.

Color Contrast Check

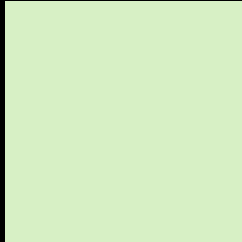
Large Text (above 18pt) WCAG AA × Fail

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 69.2625, 80.7985, 64.7685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

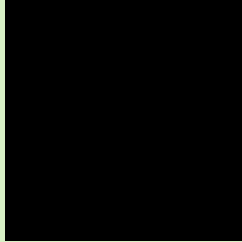
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

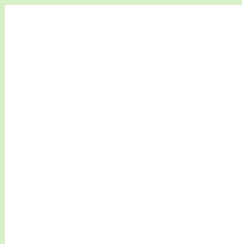
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2625, 80.7985, 64.7685

Background



This preview shows how black text looks on a background with the XYZ color 69.2625, 80.7985, 64.7685.

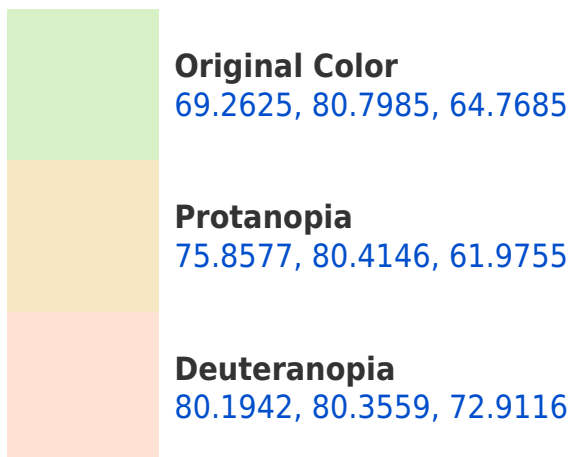


This preview shows how white text looks on a background with the XYZ color 69.2625, 80.7985,

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

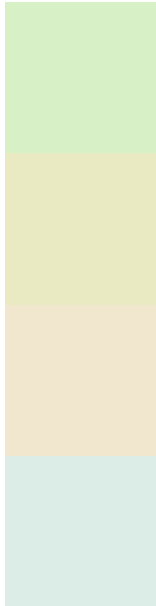




Tritanopia

76.9829, 80.9308, 102.8306

Trichromacy



Original Color

69.2625, 80.7985, 64.7685

Protanomaly

73.0921, 80.2331, 62.6731

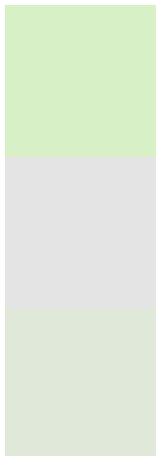
Deuteranomaly

75.6517, 80.1333, 69.8725

Tritanomaly

73.9345, 80.9761, 87.3345

Monochromacy



Original Color

69.2625, 80.7985, 64.7685

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

71.8124, 78.4110, 76.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2625, 80.7985, 64.7685 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, 240, 197) looks like.

```
.text, #text, p{  
    color:rgb(215, 240, 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(215, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 240, 197) }
```

Border

The CSS property to change the border of an element to XYZ 69.2625, 80.7985, 64.7685 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, 240, 197) }
```


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

```
.border{ border-color:rgb(215, 240, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 240, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(215, 240,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2625, 80.7985, 64.7685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 240, 197) }
```

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

```
.background{ background-color: rgb(215,  
240, 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](#).

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