

Converting Colors

XYZ(68.5250, 74.4927, 84.8865)

Have a look what the booklet for
XYZ(68.5250, 74.4927, 84.8865)
contains.

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Color

**XYZ(68.4759, 74.4442,
84.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E3E5
RGB	211, 227, 229
RGB Percent	83%, 89%, 90%
CMY	0.1725, 0.1098, 0.1020
CMYK	0.08, 0.01, 0.00, 0.10
HSL	187°, 26%, 86%
HSV	187°, 8%, 90%
XYZ	68.4759, 74.4442, 84.8888
YIQ	222.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

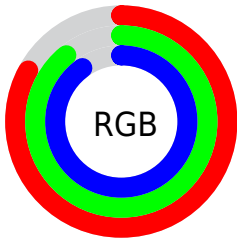
Format	Color
R_{YB}	211, 219, 229
Decimal	13886437
CIE _{Lab}	89.13, -4.92, -2.81
CIE _{LCh}	89, 5.670, 209.738
Yxy	74.4442, 0.3006, 0.3268
Android (android.graphics.Color)	4292076517 (0xFFD3E3E5)
YUV	222.4440, 3.2321, -10.0364
Hunter-Lab	86.2811, -9.3275, 2.0635

Details

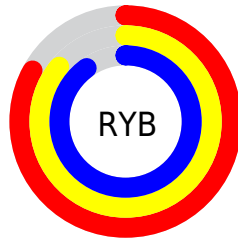
The XYZ color **68.4759, 74.4442, 84.8888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8655, 68.9491, 71.3608**, and the grayscale version is **69.7298, 73.3612, 79.8903**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1028, 39.6290, 45.7907** is the 20% darker color. If you saturate the color by 10%, you get **61.6880, 69.9232, 84.3751**, and if you desaturate by 10%, it is **76.2129, 79.4738, 85.4530**.

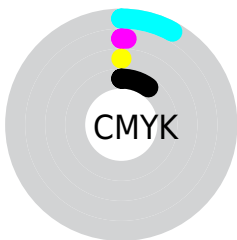
Distribution



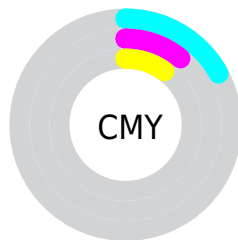
- Red (83%)
- Green (89%)
- Blue (90%)



- Red (83%)
- Yellow (86%)
- Blue (90%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4759, 74.4442, 84.8888 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 68.4759, 74.4442, 84.8888 by changing the saturation by 10% instead.

■ 68.4759, 74.4442,
84.8888

■ 68.4759, 74.4442,
84.8888

444.5306,
476.0050, 531.3950

■ 50.5601, 55.1577,
63.1999

116.0709,
125.5253, 142.0906

■ 36.0782, 39.5280,
45.5609

146.4807,
158.0886, 178.4405

■ 24.6650, 27.1707,
31.5533

181.7860,
195.8464, 220.5146

■ 15.9551, 17.7015,
20.7585

222.3520,
239.1830, 268.7312

■ 9.5830, 10.7359,
12.7581

268.5441,
288.4827, 323.5091

■ 5.1835, 5.8895,
7.1334

320.7277,

■ 2.3912, 2.7780,

344.1300, 385.2666

3.4660

379.2681,
406.5094, 454.4224

■ 0.8407, 1.0170,
1.3372

■ 0.0000, 0.0000,
0.0920

■ 68.4759, 74.4442,
84.8888

■ 68.4759, 74.4442,
84.8888

■ 61.6880, 69.9232,
84.3751

■ 76.2129, 79.4738,
85.4530

■ 55.8035, 65.8810,
83.9050

■ 84.2636, 84.6783,
86.0332

■ 50.7823, 62.2990,
83.4782

■ 84.9841, 86.1193,
86.2734

■ 46.5790, 59.1536,
83.0927

■ 85.7150, 87.5811,
86.5170

■ 43.1438, 56.4192,
82.7459

■ 86.4563, 89.0637,
86.7641

■ 40.4214, 54.0671,
82.4354

■ 87.2081, 90.5673,
87.0147

■ 38.3491, 52.0649,
82.1582

■ 87.9704, 92.0918,
87.2688

■ 36.8532, 50.3747,
81.9108

■ 88.7432, 93.6375,
87.5264

■ 35.8319, 48.9438,
81.6884

■ 89.5266, 95.2043,
87.7876

Harmonies

Analogous

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



68.1343, 74.4442, 81.0223



68.4759, 74.4442, 84.8888



69.4270, 74.4442, 87.8057

Triad

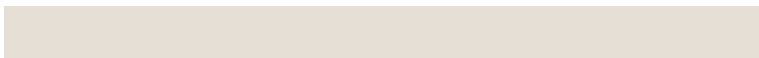
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4759, 74.4442, 84.8888



73.0758, 74.4442, 84.9509



70.7691, 74.4442, 73.6865

Complementary

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



68.4759, 74.4442, 84.8888



67.8655, 68.9491, 71.3608

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.



72.1038, 74.4442, 74.6634



68.4759, 74.4442, 84.8888



73.4461, 74.4442, 81.0918

Square

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



68.4759, 74.4442, 84.8888



72.0826, 74.4442, 87.8424



73.0882, 74.4442, 77.3424



69.4478, 74.4442, 74.6305

Rectangle

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



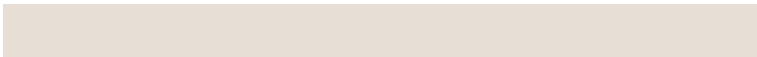
68.4759, 74.4442, 84.8888



70.2849, 74.4442, 88.7742



73.0882, 74.4442, 77.3424



71.2312, 74.4442, 73.8007

Sweetspot

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



68.4780, 74.4473, 84.8904



93.0183, 98.6851, 108.7533



66.8693, 74.6826, 73.7098



19.9310, 21.1365, 23.2792



0.0000, 0.0000, 0.0000



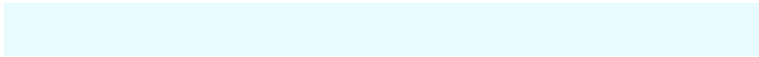
20.3446, 21.4041, 23.3091

Same Dimension

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



68.4780, 74.4473, 84.8904



86.2983, 94.2908, 108.2593



66.1313, 69.7539, 84.1082



14.6638, 16.0489, 18.4692



20.4331, 27.9283, 46.6969



1.5491, 2.1421, 3.4638

Inverse Universe

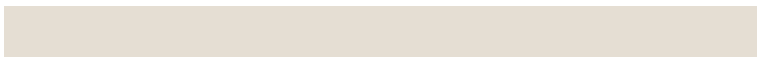
The Inverse Universe completely reimagines the original color for something new.



69.4741, 68.7940, 82.2936



87.7535, 86.0585, 104.4594



70.1403, 73.4987, 72.1191



14.9226, 14.5862, 17.7929



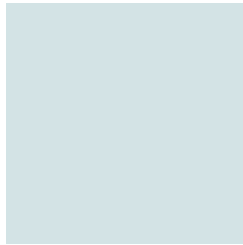
24.7072, 12.0171, 33.6827



1.8455, 0.8959, 2.5931

Previews

White Background



This preview shows how the XYZ color 68.4759, 74.4442, 84.8888 looks on a white background.

Color Contrast Check

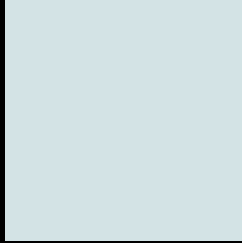
Large Text (above 18pt) WCAG AA × Fail

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 68.4759, 74.4442, 84.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

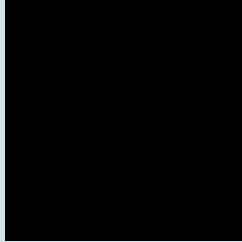
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

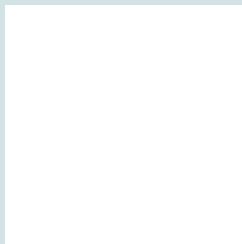
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4759, 74.4442, 84.8888

Background



This preview shows how black text looks on a background with the XYZ color 68.4759, 74.4442, 84.8888.

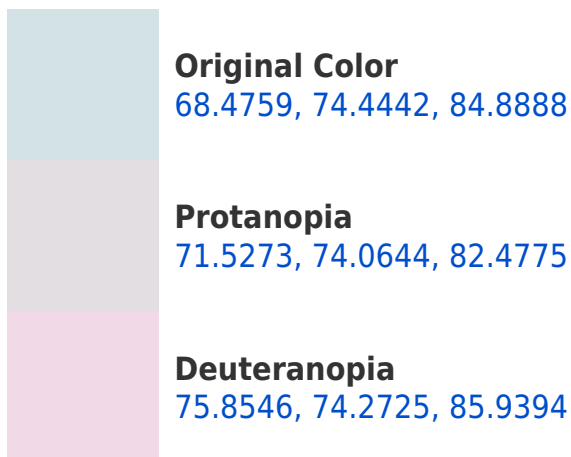


This preview shows how white text looks on a background with the XYZ color 68.4759, 74.4442,

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

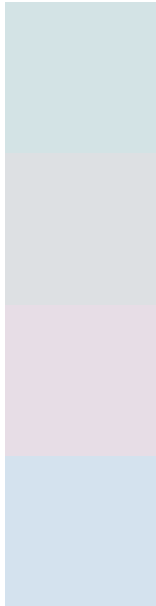




Tritanopia

70.5434, 74.4676, 95.4497

Trichromacy



Original Color

68.4759, 74.4442, 84.8888

Protanomaly

70.3396, 74.2295, 83.2935

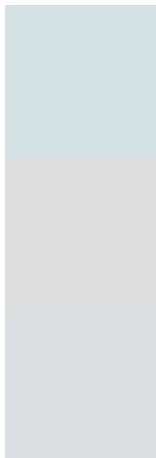
Deuteranomaly

73.0944, 74.4150, 85.3740

Tritanomaly

69.7804, 74.5628, 91.6032

Monochromacy



Original Color

68.4759, 74.4442, 84.8888

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.1597, 73.6530, 81.8055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4759, 74.4442, 84.8888 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, 227, 229) looks like.

```
.text, #text, p{  
    color:rgb(211, 227, 229)  
}
```

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, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 227, 229) }
```

Border

The CSS property to change the border of an element to XYZ 68.4759, 74.4442, 84.8888 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, 227, 229) }
```


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

```
.border{ border-color:rgb(211, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 227,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4759, 74.4442, 84.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 227, 229) }
```

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

```
.background{ background-color: rgb(211,  
227, 229) }
```

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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