

Converting Colors

XYZ(68.6110, 74.9371, 84.2469)

Have a look what the booklet for
XYZ(68.6110, 74.9371, 84.2469)
contains.

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Color

**XYZ(68.6110, 74.9371,
84.2469)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3E4E4 |
| RGB | 211, 228, 228 |
| RGB Percent | 83%, 89%, 89% |
| CMY | 0.1725, 0.1059, 0.1059 |
| CMYK | 0.07, 0.00, 0.00, 0.11 |
| HSL | 180°, 24%, 86% |
| HSV | 180°, 7%, 89% |
| XYZ | 68.6110, 74.9371, 84.2469 |
| YIQ | 222.9170, -10.1320, -3.6040 |

Conversions

Conversions Part 2

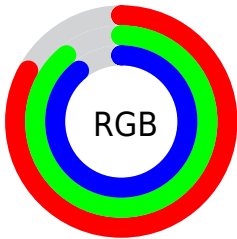
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 220, 228 |
| Decimal | 13886692 |
| CIE Lab | 89.36, -5.63, -1.95 |
| CIE LCh | 89, 5.954, 199.098 |
| Yxy | 74.9371, 0.3012, 0.3290 |
| Android (android.graphics.Color) | 4292076772 (0xFFD3E4E4) |
| YUV | 222.9170, 2.5059, -10.4512 |
| Hunter-Lab | 86.5662, -10.0146, 2.8949 |

Details

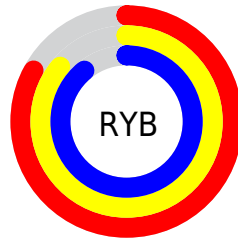
The XYZ color **68.6110, 74.9371, 84.2469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0498, 67.7878, 71.1821**, and the grayscale version is **70.0700, 73.7191, 80.2801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1967, 39.9722, 45.3428** is the 20% darker color. If you saturate the color by 10%, you get **62.5367, 71.8078, 83.9609**, and if you desaturate by 10%, it is **75.6161, 78.5504, 84.5796**.

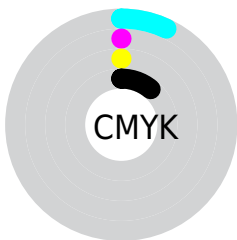
Distribution



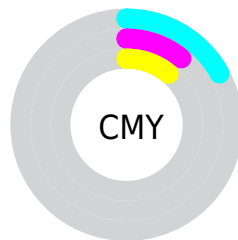
- Red (83%)
- Green (89%)
- Blue (89%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6110, 74.9371, 84.2469 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 68.6110, 74.9371, 84.2469 by changing the saturation by 10% instead.

■ 68.6110, 74.9371,
84.2469

■ 68.6110, 74.9371,
84.2469

445.0006,
477.7013, 529.2122

■ 50.6705, 55.5614,
62.6727

116.2629,
126.2233, 141.1853

■ 36.1664, 39.8513,
45.1372

146.7050,
158.9026, 177.3866

■ 24.7334, 27.4227,
31.2218

182.0450,
196.7852, 219.3007

■ 16.0062, 17.8909,
20.5079

222.6482,
240.2554, 267.3462

■ 9.6194, 10.8717,
12.5770

268.8800,
289.6978, 321.9415

■ 5.2077, 5.9806,
7.0107

321.1058,

■ 2.4056, 2.8333,

345.4966, 383.5053

3.3902

379.6909,
408.0364, 452.4560

■ 0.8479, 1.0453,
1.2972

■ 0.0000, 0.0000,
0.0595

■ 68.6110, 74.9371,
84.2469

■ 68.6110, 74.9371,
84.2469

■ 62.5367, 71.8078,
83.9609

■ 75.6161, 78.5504,
84.5796

■ 57.3479, 69.1330,
83.7147


■ 82.9899, 82.3516,
84.9280


■ 53.0053, 66.8944,
83.5082


■ 82.9905, 82.3518,
84.9313


■ 49.4641, 65.0688,
83.3391


■ 82.9911, 82.3521,
84.9347


 46.6751, 63.6312,
83.2053


 82.9918, 82.3523,
84.9380


 44.5842, 62.5533,
83.1041


 82.9924, 82.3526,
84.9414


 43.1296, 61.8035,
83.0328

 82.9930, 82.3529,
84.9447

 42.2389, 61.3444,
82.9878

 82.9937, 82.3531,
84.9481

 41.8154, 61.1262,
82.9646

 82.9943, 82.3534,
84.9514

Harmonies

Analogous

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



68.5100, 74.9371, 80.0858



68.6110, 74.9371, 84.2469



69.4070, 74.9371, 87.8090

Triad

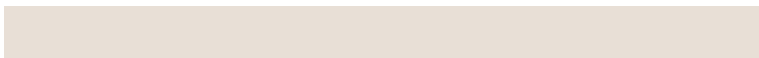
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.6110, 74.9371, 84.2469



73.3638, 74.9371, 86.9603



71.7566, 74.9371, 73.9667

Complementary

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



68.6110, 74.9371, 84.2469



67.0498, 67.7878, 71.1821

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.



73.0755, 74.9371, 75.6789



68.6110, 74.9371, 84.2469



74.0118, 74.9371, 83.1205

Square

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



68.6110, 74.9371, 84.2469



72.1459, 74.9371, 89.4121



73.9055, 74.9371, 78.9969



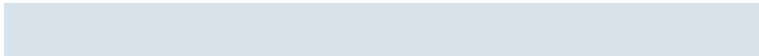
70.3129, 74.9371, 74.2450

Rectangle

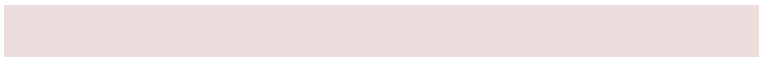
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.6110, 74.9371, 84.2469



70.2307, 74.9371, 89.3203



73.9055, 74.9371, 78.9969



72.2296, 74.9371, 74.3261

Sweetspot

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



68.6131, 74.9403, 84.2486



93.1983, 99.0455, 108.8125



66.4487, 74.0839, 72.4268



19.9677, 21.2098, 23.2913



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.



68.6131, 74.9403, 84.2486



87.1042, 95.9039, 108.5243



66.4061, 70.5255, 83.5152



14.8074, 16.3364, 18.5164



24.1026, 35.2732, 47.9023



1.7811, 2.6066, 3.5400

Inverse Universe

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



67.0498, 67.7878, 71.1821



84.6839, 84.8307, 88.2952



69.1436, 71.9760, 71.8779



14.3772, 14.3681, 14.9206



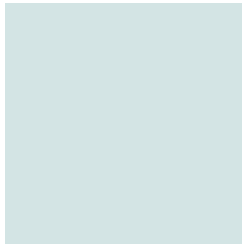
18.4752, 9.5243, 0.8657



1.3653, 0.7038, 0.0642

Previews

White Background



This preview shows how the XYZ color 68.6110, 74.9371, 84.2469 looks on a white background.

Color Contrast Check

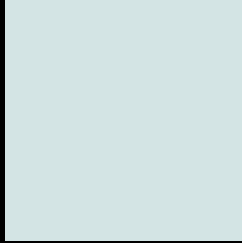
Large Text (above 18pt) WCAG AA × Fail

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 68.6110, 74.9371, 84.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

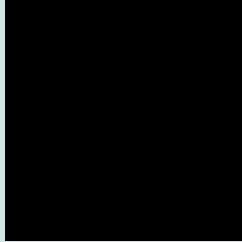
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

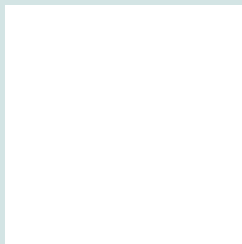
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.6110, 74.9371, 84.2469

Background



This preview shows how black text looks on a background with the XYZ color 68.6110, 74.9371, 84.2469.

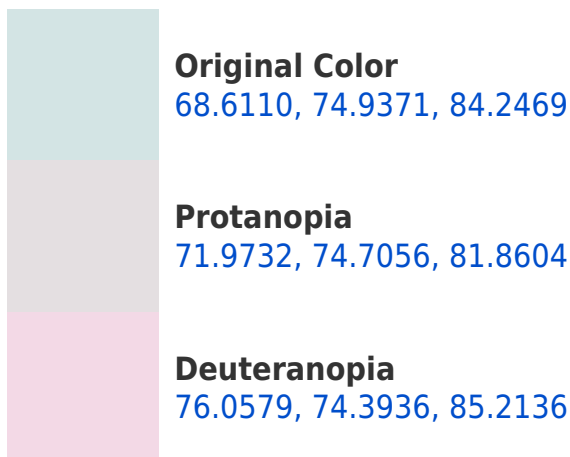


This preview shows how white text looks on a background with the XYZ color 68.6110, 74.9371,

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

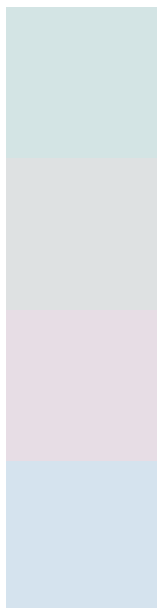




Tritanopia

71.2570, 75.2205, 96.3513

Trichromacy



Original Color

68.6110, 74.9371, 84.2469

Protanomaly

70.7769, 74.8710, 82.6727

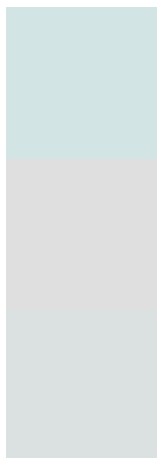
Deuteranomaly

72.9543, 74.3590, 84.6364

Tritanomaly

70.3423, 75.2574, 91.7076

Monochromacy



Original Color

68.6110, 74.9371, 84.2469

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.7292, 74.3467, 81.9094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6110, 74.9371, 84.2469 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, 228, 228) looks like.

```
.text, #text, p{  
    color:rgb(211, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 68.6110, 74.9371, 84.2469 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, 228, 228) }
```


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

```
.border{ border-color:rgb(211, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(211, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6110, 74.9371, 84.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 228, 228) }
```

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

```
.background{ background-color: rgb(211,  
228, 228) }
```

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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