

Converting Colors

XYZ(68.2018, 74.2025, 84.1278)

Have a look what the booklet for
XYZ(68.2018, 74.2025, 84.1278)
contains.

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Color

**XYZ(68.3366, 74.3885,
84.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E3E4
RGB	211, 227, 228
RGB Percent	83%, 89%, 89%
CMY	0.1725, 0.1098, 0.1059
CMYK	0.07, 0.00, 0.00, 0.11
HSL	184°, 24%, 86%
HSV	184°, 7%, 89%
XYZ	68.3366, 74.3885, 84.1555
YIQ	222.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

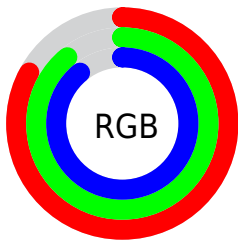
Format	Color
R _{YB}	211, 219, 228
Decimal	13886436
CIE _{Lab}	89.11, -5.11, -2.33
CIE _{LCh}	89, 5.618, 204.457
Yxy	74.3885, 0.3012, 0.3279
Android (android.graphics.Color)	4292076516 (0xFFD3E3E4)
YUV	222.3300, 2.7953, -9.9364
Hunter-Lab	86.2488, -9.5063, 2.5231

Details

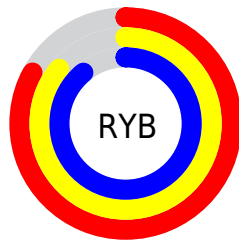
The XYZ color **68.3366, 74.3885, 84.1555** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2965, 68.2834, 71.2622**, and the grayscale version is **69.6520, 73.2793, 79.8012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0057, 39.5901, 45.2791** is the 20% darker color. If you saturate the color by 10%, you get **61.8989, 70.5312, 83.7514**, and if you desaturate by 10%, it is **75.7079, 78.7353, 84.6072**.

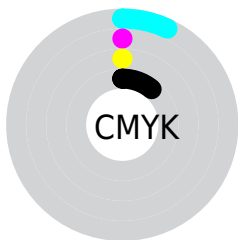
Distribution



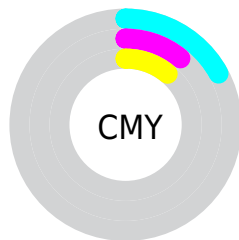
- Red (83%)
- Green (89%)
- Blue (89%)



- 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 68.3366, 74.3885, 84.1555 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 68.3366, 74.3885, 84.1555 by changing the saturation by 10% instead.

■ 68.3366, 74.3885,
84.1555

■ 68.3366, 74.3885,
84.1555

444.0457,
475.8131, 528.9010

■ 50.4463, 55.1121,
62.5977

115.8728,
125.4464, 141.0563

■ 35.9874, 39.4915,
45.0769

146.2494,
157.9966, 177.2365

■ 24.5945, 27.1423,
31.1746

181.5189,
195.7403, 219.1278

■ 15.9023, 17.6801,
20.4723

222.0465,
239.0617, 267.1488

■ 9.5455, 10.7206,
12.5513

268.1976,
288.3453, 321.7181

■ 5.1586, 5.8793,
6.9933

320.3376,

■ 2.3763, 2.7718,

343.9755, 383.2542

3.3795

378.8319,
406.3366, 452.1757

■ 0.8333, 1.0138,
1.2915

■ 0.0000, 0.0000,
0.0548

■ 68.3366, 74.3885,
84.1555

■ 68.3366, 74.3885,
84.1555

■ 61.8989, 70.5312,
83.7514

■ 75.7079, 78.7353,
84.6072

■ 56.3495, 67.1341,
83.3882

■ 83.4511, 83.2761,
85.0755

■ 51.6492, 64.1788,
83.0655

■ 83.8238, 84.0214,
85.1997

■ 47.7529, 61.6423,
82.7813

■ 84.1993, 84.7724,
85.3249

■ 44.6118, 59.4992,
82.5332

■ 84.5777, 85.5292,
85.4510

■ 42.1714, 57.7215,
82.3187

■ 84.9589, 86.2917,
85.5781

■ 40.3701, 56.2774,
82.1349

■ 85.3430, 87.0599,
85.7061

■ 39.1357, 55.1297,
81.9784

■ 85.7300, 87.8340,
85.8351

■ 38.3711, 54.2284,
81.8447

■ 86.1199, 88.6137,
85.9651

Harmonies

Analogous

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



68.1181, 74.3885, 80.2710



68.3366, 74.3885, 84.1555



69.1860, 74.3885, 87.2820

Triad

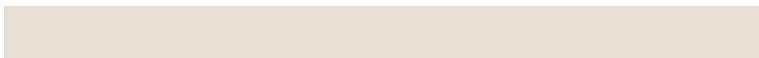
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.3366, 74.3885, 84.1555



72.8660, 74.3885, 85.4550



70.9584, 74.3885, 73.7274

Complementary

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



68.3366, 74.3885, 84.1555



67.2965, 68.2834, 71.2622

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.



72.2442, 74.3885, 75.0201



68.3366, 74.3885, 84.1555



73.3546, 74.3885, 81.7262

Square

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



68.3366, 74.3885, 84.1555



71.7987, 74.3885, 88.0490



73.1255, 74.3885, 77.9174



69.6206, 74.3885, 74.3308

Rectangle

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



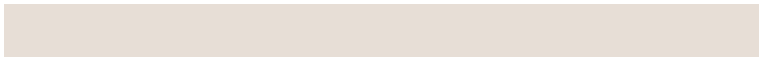
68.3366, 74.3885, 84.1555



70.0015, 74.3885, 88.4731



73.1255, 74.3885, 77.9174



71.4112, 74.3885, 73.9533

Sweetspot

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



68.3387, 74.3916, 84.1571



93.1032, 98.8549, 108.7816



66.4732, 74.0828, 72.9851



19.9483, 21.1710, 23.2850



0.0000, 0.0000, 0.0000



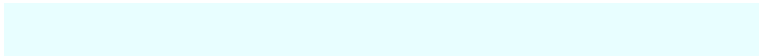
20.3446, 21.4041, 23.3091

Same Dimension

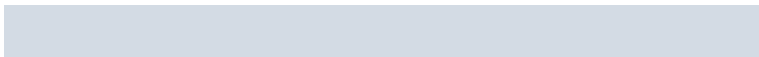
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3387, 74.3916, 84.1571



86.6773, 95.0489, 108.3856



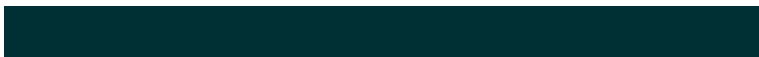
66.1089, 69.9321, 83.4139



14.7313, 16.1840, 18.4917



22.0957, 31.2536, 47.2511



1.6549, 2.3538, 3.4991

Inverse Universe

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



69.1559, 68.6299, 82.2788



87.9448, 86.1350, 105.4669



69.4391, 72.5686, 71.9764



14.9567, 14.5999, 17.9725



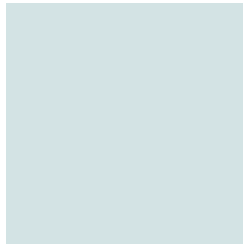
25.5464, 12.3528, 38.1020



1.8990, 0.9173, 2.8744

Previews

White Background



This preview shows how the XYZ color 68.3366, 74.3885, 84.1555 looks on a white background.

Color Contrast Check

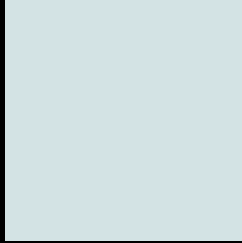
Large Text (above 18pt) WCAG AA × Fail

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 68.3366, 74.3885, 84.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

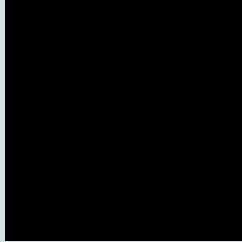
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

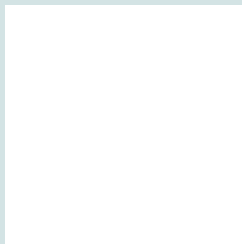
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3366, 74.3885, 84.1555

Background



This preview shows how black text looks on a background with the XYZ color 68.3366, 74.3885, 84.1555.

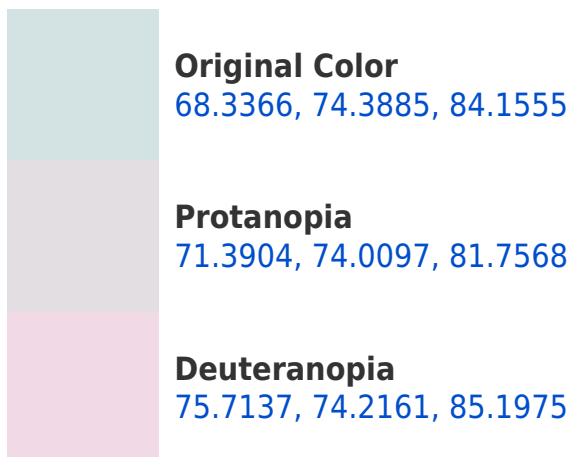


This preview shows how white text looks on a background with the XYZ color 68.3366, 74.3885,

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

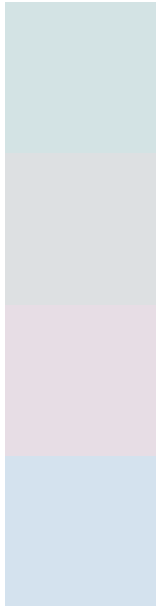




Tritanopia

70.5434, 74.4676, 95.4497

Trichromacy



Original Color

68.3366, 74.3885, 84.1555

Protanomaly

70.2019, 74.1744, 82.5686

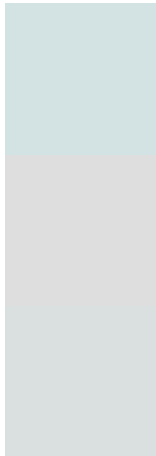
Deuteranomaly

72.9543, 74.3590, 84.6364

Tritanomaly

69.7804, 74.5628, 91.6032

Monochromacy



Original Color

68.3366, 74.3885, 84.1555

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0236, 73.5986, 81.0890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3366, 74.3885, 84.1555 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, 228) looks like.

```
.text, #text, p{  
    color:rgb(211, 227, 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, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 227, 228) }
```

Border

The CSS property to change the border of an element to XYZ 68.3366, 74.3885, 84.1555 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, 228) }
```


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

```
.border{ border-color:rgb(211, 227, 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, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(211, 227,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3366, 74.3885, 84.1555 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, 228) }
```

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

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