

Converting Colors

XYZ(63.8585, 68.0595, 74.2374)

Have a look what the booklet for
XYZ(63.8585, 68.0595, 74.2374)
contains.

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Color

**XYZ(63.6856, 67.8669,
74.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D8D7
RGB	211, 216, 215
RGB Percent	83%, 85%, 84%
CMY	0.1725, 0.1529, 0.1569
CMYK	0.02, 0.00, 0.00, 0.15
HSL	168°, 6%, 84%
HSV	168°, 2%, 85%
XYZ	63.6856, 67.8669, 74.0330
YIQ	214.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

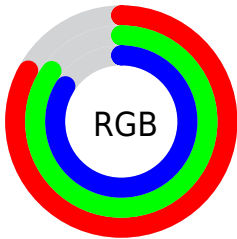
Format	Color
R _Y B	211, 214, 216
Decimal	13883607
CIE Lab	85.94, -1.87, -0.11
CIE LCh	86, 1.873, 183.335
Yxy	67.8669, 0.3098, 0.3301
Android (android.graphics.Color)	4292073687 (0xFFD3D8D7)
YUV	214.3910, 0.3002, -2.9739
Hunter-Lab	82.3814, -6.1765, 4.3853

Details

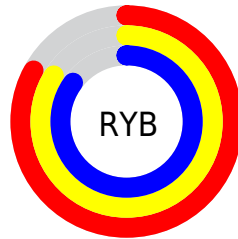
The XYZ color **63.6856, 67.8669, 74.0330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4994, 65.9428, 71.6722**, and the grayscale version is **64.1808, 67.5232, 73.5328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9947, 35.1959, 38.3122** is the 20% darker color. If you saturate the color by 10%, you get **57.3595, 64.6711, 70.8704**, and if you desaturate by 10%, it is **70.8619, 71.5031, 77.3151**.

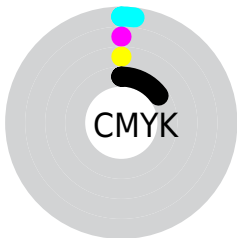
Distribution



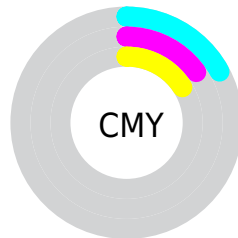
- Red (83%)
- Green (85%)
- Blue (84%)



- Red (83%)
- Yellow (84%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6856, 67.8669, 74.0330 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 63.6856, 67.8669, 74.0330 by changing the saturation by 10% instead.

■ 63.6856, 67.8669,
74.0330

■ 63.6856, 67.8669,
74.0330

427.6736,
453.0243, 493.7537

■ 46.6568, 49.7895,
54.3241

109.2343,
116.1617, 126.6771

■ 32.9712, 35.2461,
38.4659

138.4849,
147.1479, 160.4493

■ 22.2635, 23.8525,
26.0398

172.5402,
183.2057, 199.7464

■ 14.1684, 15.2243,
16.6274

211.7654,
224.7197, 244.9869

■ 8.3203, 8.9769,
9.8101

256.5260,
272.0741, 296.5893

■ 4.3541, 4.7261,
5.1693

307.1874,

■ 1.9044, 2.0875,

325.6534, 354.9723

2.2864

364.1148,
385.8420, 420.5542

■ 0.5794, 0.6576,
0.7236

■ 0.0000, 0.0000,
0.0000

■ 63.6856, 67.8669,
74.0330

■ 63.6856, 67.8669,
74.0330

■ 57.3595, 64.6711,
70.8704

■ 70.8619, 71.5031,
77.3151

■ 51.8447, 61.8899,
67.8208

■ 78.9137, 75.5871,
80.7144

■ 47.1080, 59.5081,
64.8833

■ 79.8005, 75.9757,
83.8565

■ 43.1115, 57.5063,
62.0557

■ 80.4097, 76.2193,
87.0643

■ 39.8142, 55.8633,
59.3354

■ 81.0340, 76.4690,
90.3520

■ 37.1709, 54.5558,
56.7197

■ 81.6736, 76.7249,
93.7202

■ 35.1312, 53.5578,
54.2055

■ 82.3287, 76.9869,
97.1695

■ 33.6370, 52.8394,
51.7896

■ 82.9992, 77.2551,
100.7004

■ 32.6187, 52.3648,
49.4681

■ 83.6853, 77.5296,
104.3135

Harmonies

Analogous

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



63.7712, 67.8669, 72.8406



63.6856, 67.8669, 74.0330



63.8188, 67.8669, 75.2011

Triad

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



63.6856, 67.8669, 74.0330



64.9597, 67.8669, 75.8865



64.8763, 67.8669, 71.8048

Complementary

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



63.6856, 67.8669, 74.0330



63.4994, 65.9428, 71.6722

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.



65.1970, 67.8669, 72.6051



63.6856, 67.8669, 74.0330



65.2453, 67.8669, 74.9606

Square

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



63.6856, 67.8669, 74.0330



64.5534, 67.8669, 76.2787



65.3323, 67.8669, 73.7582



64.4575, 67.8669, 71.5625

Rectangle

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



63.6856, 67.8669, 74.0330



64.0142, 67.8669, 75.8064



65.3323, 67.8669, 73.7582



64.9992, 67.8669, 72.0170

Sweetspot

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



63.6875, 67.8698, 74.0345



94.0358, 99.4867, 108.4233



63.4913, 67.8273, 71.3747



20.1382, 21.2997, 23.2121



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.



63.6875, 67.8698, 74.0345



92.0452, 98.4794, 107.4751



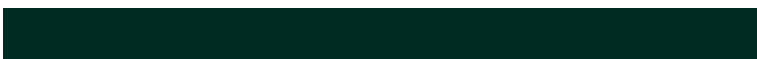
63.4553, 67.1983, 74.5953



13.4546, 14.4546, 15.7823



19.0201, 30.8634, 28.4653



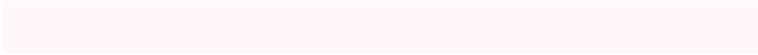
1.1749, 1.8726, 1.8629

Inverse Universe

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



63.4994, 65.9428, 71.6722



91.6887, 94.8281, 102.9991



63.7269, 66.5998, 71.1254



13.3896, 13.7888, 14.9662



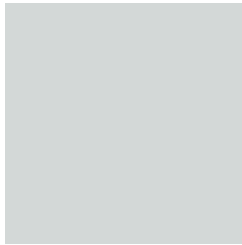
17.0545, 8.7581, 2.3252



1.0586, 0.5402, 0.2982

Previews

White Background



This preview shows how the XYZ color 63.6856, 67.8669, 74.0330 looks on a white background.

Color Contrast Check

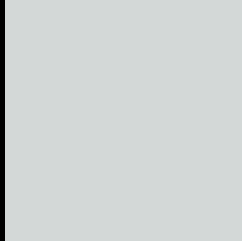
Large Text (above 18pt) WCAG AA × Fail

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 63.6856, 67.8669, 74.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

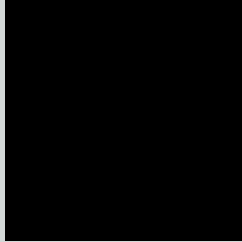
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

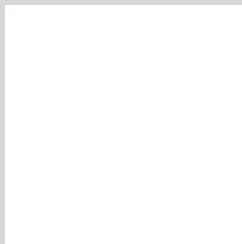
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6856, 67.8669, 74.0330

Background



This preview shows how black text looks on a background with the XYZ color 63.6856, 67.8669, 74.0330.

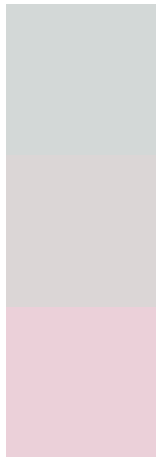


This preview shows how white text looks on a background with the XYZ color 63.6856, 67.8669,

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

63.6856, 67.8669, 74.0330

Protanopia

65.3976, 68.0082, 73.2984

Deuteranopia

69.3412, 67.7837, 75.0745



Tritanopia

65.9109, 68.0088, 85.2544

Trichromacy



Original Color

63.6856, 67.8669, 74.0330

Protanomaly

64.7569, 68.0548, 73.3412

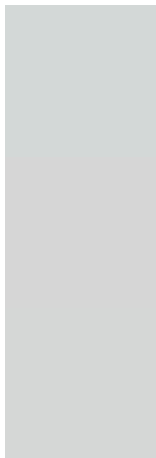
Deuteranomaly

67.0530, 67.7152, 74.5020

Tritanomaly

65.0424, 68.0342, 80.9380

Monochromacy



Original Color

63.6856, 67.8669, 74.0330

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.8786, 67.6021, 73.3001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6856, 67.8669, 74.0330 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, 216, 215) looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 215)  
}
```

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, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.6856, 67.8669, 74.0330 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, 216, 215) }
```


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

```
.border{ border-color:rgb(211, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6856, 67.8669, 74.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 215) }
```

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

```
.background{ background-color: rgb(211,  
216, 215) }
```

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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