

Converting Colors

XYZ(65.5583, 70.7942, 70.8298)

Have a look what the booklet for
XYZ(65.5583, 70.7942, 70.8298)
contains.

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Color

**XYZ(65.3894, 70.7634,
70.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DDD1
RGB	215, 221, 209
RGB Percent	84%, 87%, 82%
CMY	0.1569, 0.1333, 0.1804
CMYK	0.03, 0.00, 0.05, 0.13
HSL	90°, 15%, 84%
HSV	90°, 5%, 87%
XYZ	65.3894, 70.7634, 70.5339
YIQ	217.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

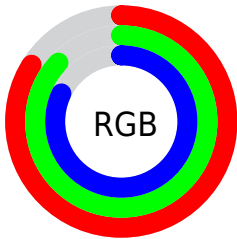
Format	Color
R _Y B	209, 221, 215
Decimal	14147025
CIE Lab	87.37, -4.17, 5.17
CIE LCh	87, 6.641, 128.851
Yxy	70.7634, 0.3164, 0.3424
Android (android.graphics.Color)	4292337105 (0xFFD7DDD1)
YUV	217.8380, -4.3571, -2.4889
Hunter-Lab	84.1210, -8.4591, 9.1711

Details

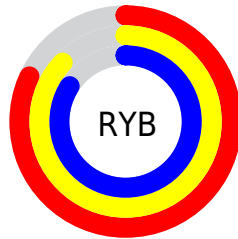
The XYZ color **65.3894, 70.7634, 70.5339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8786, 65.2704, 77.6419**, and the grayscale version is **66.5596, 70.0258, 76.2581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0498, 37.1126, 36.3792** is the 20% darker color. If you saturate the color by 10%, you get **59.7043, 68.1292, 56.9617**, and if you desaturate by 10%, it is **71.6775, 73.6687, 86.1186**.

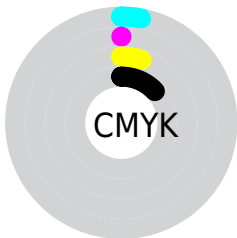
Distribution



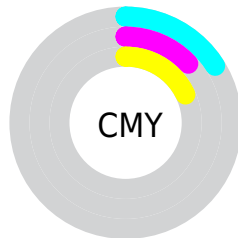
- Red (84%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3894, 70.7634, 70.5339 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 65.3894, 70.7634, 70.5339 by changing the saturation by 10% instead.

■ 65.3894, 70.7634,
70.5339

■ 65.3894, 70.7634,
70.5339

433.7131,
463.2259, 481.2621

■ 48.0428, 52.1491,
51.4824

111.6721,
120.2968, 121.6581

■ 34.0722, 37.1240,
36.2133

141.3389,
151.9847, 154.5678

■ 23.1122, 25.3035,
24.3080

175.8431,
188.7992, 192.9341

■ 14.7975, 16.3033,
15.3479

215.5501,
231.1249, 237.1754

■ 8.7628, 9.7390,
8.9146

260.8253,
279.3460, 287.7104

■ 4.6427, 5.2263,
4.5895

312.0339,

■ 2.0717, 2.3806,

333.8469, 344.9574

1.9540

369.5414,
395.0121, 409.3351

■ 0.6738, 0.8159,
0.5268

■ 0.0000, 0.0000,
0.0000

■ 65.3894, 70.7634,
70.5339

■ 65.3894, 70.7634,
70.5339

■ 59.7043, 68.1292,
56.9617

■ 71.6775, 73.6687,
86.1186

■ 54.5963, 65.7484,
45.3154

■ 78.5814, 76.8438,
103.7885

■ 50.0465, 63.6152,
35.5089

■ 82.6773, 78.9220,
105.4837

■ 46.0323, 61.7201,
27.4477

■ 85.1478, 80.1956,
105.5993

■ 42.5295, 60.0528,
21.0290

■ 39.5118, 58.6022,
16.1392

■ 36.9496, 57.3559,
12.6502

■ 34.8095, 56.3000,
10.4129

■ 33.0512, 55.4176,
9.2446

Harmonies

Analogous

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



66.7968, 70.7634, 68.8477



65.3894, 70.7634, 70.5339



64.4922, 70.7634, 73.9831

Triad

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



65.3894, 70.7634, 70.5339



66.1791, 70.7634, 85.3652



70.2743, 70.7634, 75.7316

Complementary

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



65.3894, 70.7634, 70.5339



63.8786, 65.2704, 77.6419

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.



70.1027, 70.7634, 80.1991



65.3894, 70.7634, 70.5339



67.7223, 70.7634, 85.8777

Square

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



65.3894, 70.7634, 70.5339



64.9433, 70.7634, 82.5799



69.1629, 70.7634, 83.9541



69.6281, 70.7634, 71.7713

Rectangle

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



65.3894, 70.7634, 70.5339



64.2960, 70.7634, 76.8767



69.1629, 70.7634, 83.9541



70.3106, 70.7634, 77.2222

Sweetspot

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



65.3914, 70.7665, 70.5354



93.3074, 99.1953, 104.5891



65.6305, 68.5791, 70.1006



19.9899, 21.2403, 22.4315



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.



65.3914, 70.7665, 70.5354



89.0993, 97.2490, 94.3106



63.6616, 69.8747, 70.4545



13.7378, 15.0329, 14.4582



18.9201, 32.0512, 5.1893



1.3251, 2.1277, 0.3408

Inverse Universe

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



63.8786, 65.2704, 77.6419



86.4111, 87.4822, 106.9391



65.6731, 66.1954, 77.7259



13.2942, 13.4212, 16.5420



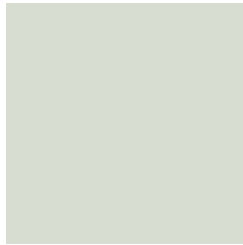
11.4869, 5.0459, 40.1069



0.8436, 0.3781, 2.6030

Previews

White Background



This preview shows how the XYZ color 65.3894, 70.7634, 70.5339 looks on a white background.

Color Contrast Check

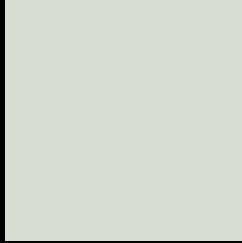
Large Text (above 18pt) WCAG AA × Fail

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 65.3894, 70.7634, 70.5339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

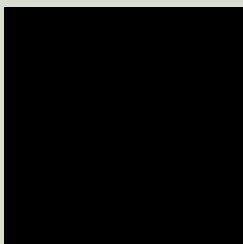
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

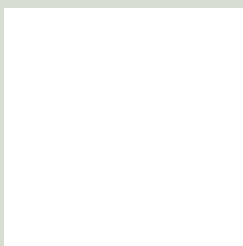
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3894, 70.7634, 70.5339

Background



This preview shows how black text looks on a background with the XYZ color 65.3894, 70.7634, 70.5339.



This preview shows how white text looks on a background with the XYZ color 65.3894, 70.7634,

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

65.3894, 70.7634, 70.5339

Protanopia

67.3852, 70.6554, 69.1177

Deuteranopia

72.0143, 70.3464, 71.4107



Tritanopia

68.8776, 70.6263, 87.8439

Trichromacy



Original Color

65.3894, 70.7634, 70.5339

Protanomaly

66.5355, 70.5893, 69.7928

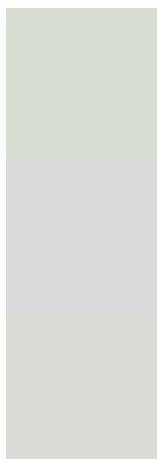
Deuteranomaly

69.5376, 70.5777, 70.9306

Tritanomaly

67.5755, 70.4845, 81.2774

Monochromacy



Original Color

65.3894, 70.7634, 70.5339

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.2125, 70.3210, 74.3735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3894, 70.7634, 70.5339 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, 221, 209) looks like.

```
.text, #text, p{  
    color:rgb(215, 221, 209)  
}
```

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, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 221, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.3894, 70.7634, 70.5339 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, 221, 209) }
```


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

```
.border{ border-color:rgb(215, 221, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 221,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3894, 70.7634, 70.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 221, 209) }
```

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

```
.background{ background-color: rgb(215,  
221, 209) }
```

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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