

Converting Colors

XYZ(68.7042, 71.8780, 74.8287)

Have a look what the booklet for
XYZ(68.7042, 71.8780, 74.8287)
contains.

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Color

**XYZ(68.5994, 71.9400,
74.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCD7
RGB	224, 220, 215
RGB Percent	88%, 86%, 84%
CMY	0.1216, 0.1372, 0.1569
CMYK	0.00, 0.02, 0.04, 0.12
HSL	33°, 13%, 86%
HSV	33°, 4%, 88%
XYZ	68.5994, 71.9400, 74.5602
YIQ	220.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

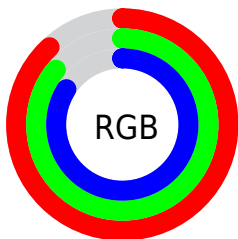
Format	Color
R _Y B	222, 224, 215
Decimal	14736599
CIE Lab	87.94, 0.49, 2.92
CIE LCh	88, 2.963, 80.566
Yxy	71.9400, 0.3189, 0.3344
Android (android.graphics.Color)	4292926679 (0xFFE0DCD7)
YUV	220.6260, -2.7736, 2.9590
Hunter-Lab	84.8175, -4.0617, 7.2523

Details

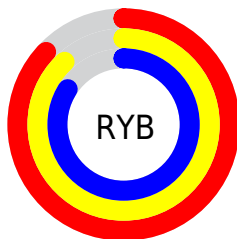
The XYZ color **68.5994, 71.9400, 74.5602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8103, 70.4908, 80.6067**, and the grayscale version is **68.4836, 72.0501, 78.4626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1625, 37.8833, 38.6640** is the 20% darker color. If you saturate the color by 10%, you get **63.3835, 65.8028, 59.5798**, and if you desaturate by 10%, it is **74.3688, 78.5517, 91.6711**.

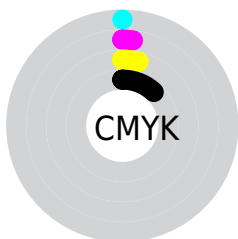
Distribution



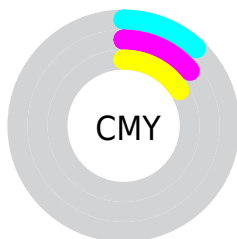
- Red (88%)
- Green (86%)
- Blue (84%)



- Red (87%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5994, 71.9400, 74.5602 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 68.5994, 71.9400, 74.5602 by changing the saturation by 10% instead.

■ 68.5994, 71.9400,
74.5602

■ 68.5994, 71.9400,
74.5602

444.9603,
467.3327, 495.6196

■ 50.6610, 53.1097,
54.7531

116.2464,
121.9712, 127.4310

■ 36.1588, 37.8903,
38.8068

146.6857,
153.9409, 161.3317

■ 24.7276, 25.8976,
26.3028

182.0227,
191.0591, 200.7675

■ 16.0018, 16.7470,
16.8225

222.6228,
233.7104, 246.1567

■ 9.6163, 10.0543,
9.9474

268.8512,
282.2789, 297.9180

■ 5.2056, 5.4350,
5.2590

321.0733,

■ 2.4044, 2.5047,

337.1492, 356.4699

2.3386

379.6546,
398.7057, 422.2309

■ 0.8473, 0.8790,
0.7527

■ 0.0000, 0.0000,
0.0000

■ 68.5994, 71.9400,
74.5602

■ 68.5994, 71.9400,
74.5602

■ 63.3835, 65.8028,
59.5798

■ 74.3688, 78.5517,
91.6711

■ 58.6964, 60.1190,
46.6406

■ 79.9204, 85.3267,
106.8652

■ 54.5205, 54.8795,
35.6538

■ 82.9273, 91.3405,
107.8675

■ 50.8346, 50.0713,
26.5221

■ 84.5508, 94.5875,
108.4086

■ 47.6160, 45.6806,
19.1398

■ 44.8397, 41.6927,
13.3905

■ 42.4779, 38.0915,
9.1434

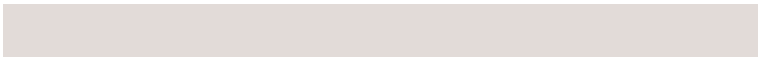
■ 40.4990, 34.8591,
6.2471

■ 38.8649, 31.9752,
4.5179

Harmonies

Analogous

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



69.2421, 71.9400, 75.3680



68.5994, 71.9400, 74.5602



67.9014, 71.9400, 74.7491

Triad

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



68.5994, 71.9400, 74.5602



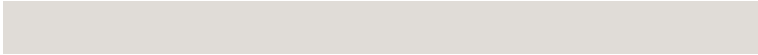
67.1146, 71.9400, 79.7031



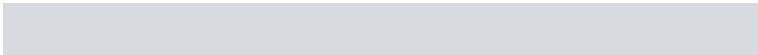
69.4299, 71.9400, 80.8241

Complementary

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



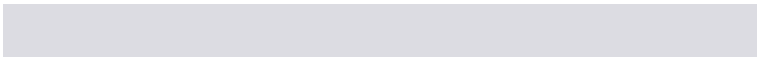
68.5994, 71.9400, 74.5602



66.8103, 70.4908, 80.6067

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.



68.8544, 71.9400, 82.0244



68.5994, 71.9400, 74.5602



67.5188, 71.9400, 81.3695

Square

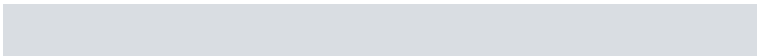
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5994, 71.9400, 74.5602



67.0474, 71.9400, 77.6954



68.1547, 71.9400, 82.2257



69.7237, 71.9400, 78.9689

Rectangle

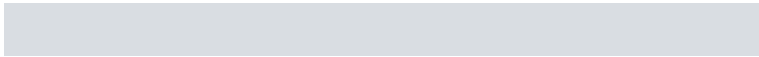
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



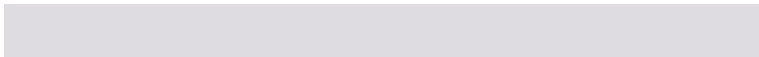
68.5994, 71.9400, 74.5602



67.4984, 71.9400, 75.4161



68.1547, 71.9400, 82.2257



69.2628, 71.9400, 81.3189

Sweetspot

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



68.6014, 71.9431, 74.5618



94.2820, 99.1166, 106.6320



67.8346, 69.5663, 76.9057



20.1883, 21.2244, 22.8475



0.0000, 0.0000, 0.0000



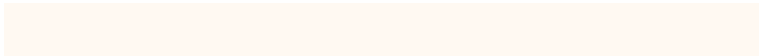
20.3446, 21.4041, 23.3091

Same Dimension

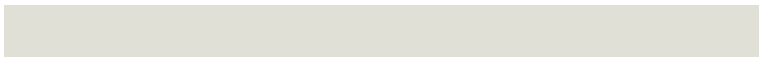
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.6014, 71.9431, 74.5618



91.2852, 95.6470, 97.8519



69.5235, 73.9940, 74.9090



14.7727, 15.4698, 15.6984



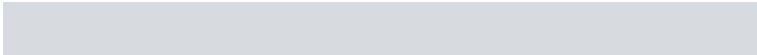
22.2449, 17.9278, 2.2880



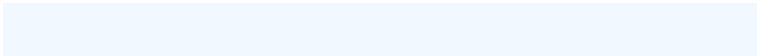
1.6308, 1.4204, 0.1882

Inverse Universe

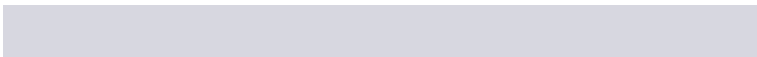
The Inverse Universe completely reimagines the original color for something new.



66.8103, 70.4908, 80.6067



88.2938, 93.2215, 107.9477



65.9127, 68.4991, 80.2695



14.2275, 15.0278, 17.5385



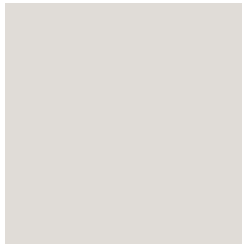
10.5645, 8.5985, 42.1512



0.8205, 0.7725, 2.9511

Previews

White Background



This preview shows how the XYZ color 68.5994, 71.9400, 74.5602 looks on a white background.

Color Contrast Check

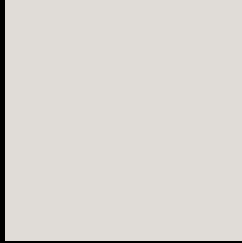
Large Text (above 18pt) WCAG AA × Fail

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 68.5994, 71.9400, 74.5602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

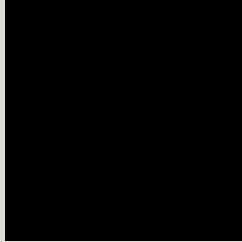
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

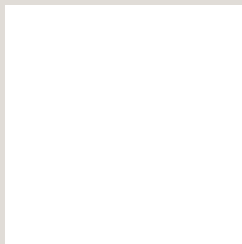
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5994, 71.9400, 74.5602

Background



This preview shows how black text looks on a background with the XYZ color 68.5994, 71.9400, 74.5602.

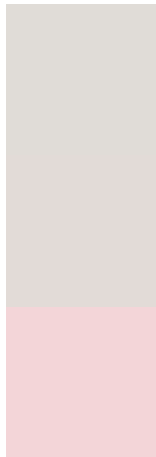


This preview shows how white text looks on a background with the XYZ color 68.5994, 71.9400,

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

68.5994, 71.9400, 74.5602

Protanopia

68.9613, 71.7381, 74.5022

Deuteranopia

73.1511, 71.6011, 74.9307



Tritanopia

71.3427, 71.8971, 87.9593

Trichromacy



Original Color

68.5994, 71.9400, 74.5602

Protanomaly

68.6486, 71.5769, 74.4875

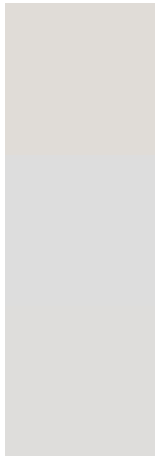
Deuteranomaly

71.5426, 71.9025, 75.0736

Tritanomaly

70.3006, 71.8576, 82.8377

Monochromacy



Original Color

68.5994, 71.9400, 74.5602

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7668, 72.3570, 77.3597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5994, 71.9400, 74.5602 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(224, 220, 215) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 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(224, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 215) }
```

Border

The CSS property to change the border of an element to XYZ 68.5994, 71.9400, 74.5602 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(224, 220, 215) }
```


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

```
.border{ border-color:rgb(224, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5994, 71.9400, 74.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 215) }
```

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

```
.background{ background-color: rgb(224,  
220, 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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