

Converting Colors

XYZ(69.5363, 74.5895, 64.2365)

Have a look what the booklet for
XYZ(69.5363, 74.5895, 64.2365)
contains.

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Color

**XYZ(69.4314, 74.5857,
64.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E1C6
RGB	229, 225, 198
RGB Percent	90%, 88%, 78%
CMY	0.1020, 0.1176, 0.2235
CMYK	0.00, 0.02, 0.14, 0.10
HSL	52°, 37%, 84%
HSV	52°, 14%, 90%
XYZ	69.4314, 74.5857, 64.1631
YIQ	223.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

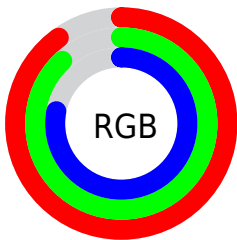
Format	Color
R _Y B	203, 229, 198
Decimal	15065542
CIE Lab	89.20, -3.13, 13.70
CIE LCh	89, 14.055, 102.887
Yxy	74.5857, 0.3335, 0.3583
Android (android.graphics.Color)	4293255622 (0xFFE5E1C6)
YUV	223.1180, -12.3832, 5.1585
Hunter-Lab	86.3630, -7.6305, 16.4048

Details

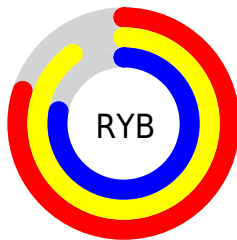
The XYZ color **69.4314, 74.5857, 64.1631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.5520, 59.9028, 82.6058**, and the grayscale version is **70.3046, 73.9659, 80.5489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6423, 39.6473, 32.1070** is the 20% darker color. If you saturate the color by 10%, you get **66.1970, 72.0287, 51.0238**, and if you desaturate by 10%, it is **73.0831, 77.3366, 79.4136**.

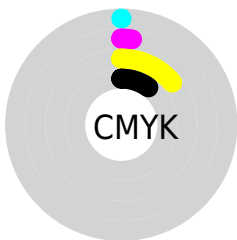
Distribution



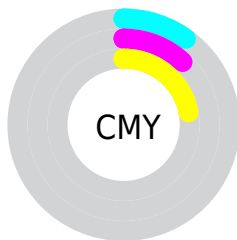
- Red (90%)
- Green (88%)
- Blue (78%)



- Red (80%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4314, 74.5857, 64.1631 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 69.4314, 74.5857, 64.1631 by changing the saturation by 10% instead.

■ 69.4314, 74.5857,
64.1631

■ 69.4314, 74.5857,
64.1631

447.8486,
476.4924, 458.0020

■ 51.3410, 55.2735,
46.3358

117.4282,
125.7257, 112.4475

■ 36.7022, 39.6208,
32.1603

148.0654,
158.3224, 143.7417

■ 25.1496, 27.2430,
21.2181

183.6156,
196.1160, 180.3619

■ 16.3179, 17.7558,
13.0907

224.4441,
239.4910, 222.7266

■ 9.8417, 10.7748,
7.3596

270.9163,
288.8317, 271.2545

■ 5.3556, 5.9156,
3.6062

323.3975,

■ 2.4942, 2.7938,

344.5226, 326.3639

1.4119

382.2532,
406.9480, 388.4736

■ 0.8924, 1.0251,
0.1509

■ 0.0000, 0.0000,
0.0000

■ 69.4314, 74.5857,
64.1631

■ 69.4314, 74.5857,
64.1631

■ 66.1970, 72.0287,
51.0238

■ 73.0831, 77.3366,
79.4136

■ 63.3558, 69.6485,
39.8967

■ 77.1628, 80.2785,
96.8587

■ 60.8906, 67.4406,
30.6821

■ 79.7464, 82.6441,
106.3566

■ 58.7804, 65.3963,
23.2700

■ 80.5930, 84.3374,
106.6388

■ 57.0022, 63.5065,
17.5391

■ 81.4537, 86.0588,
106.9257

■ 55.5299, 61.7606,
13.3530

■ 82.3285, 87.8085,
107.2173

■ 54.3336, 60.1465,
10.5543

■ 83.2176, 89.5865,
107.5136

■ 53.3769, 58.6495,
8.9518

■ 84.1209, 91.3931,
107.8147

■ 52.8490, 57.7294,
8.3574

■ 85.0385, 93.2283,
108.1206

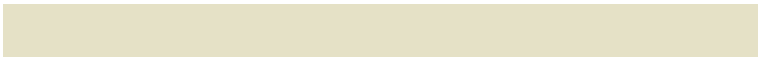
Harmonies

Analogous

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



72.8489, 74.5857, 64.4715



69.4314, 74.5857, 64.1631



66.4993, 74.5857, 68.1493

Triad

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



69.4314, 74.5857, 64.1631



66.1705, 74.5857, 94.7486



77.3800, 74.5857, 86.8939

Complementary

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



69.4314, 74.5857, 64.1631



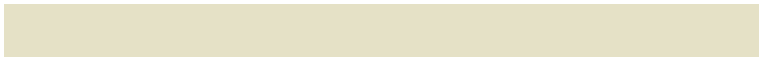
58.5520, 59.9028, 82.6058

Split Complementary

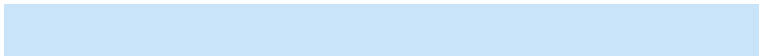
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4729, 74.5857, 95.8437



69.4314, 74.5857, 64.1631



68.9694, 74.5857, 100.6232

Square

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



69.4314, 74.5857, 64.1631



64.6578, 74.5857, 85.4949



72.3719, 74.5857, 101.0394



77.5134, 74.5857, 77.0729

Rectangle

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



69.4314, 74.5857, 64.1631



65.1843, 74.5857, 72.9076



72.3719, 74.5857, 101.0394



76.9224, 74.5857, 90.1224

Sweetspot

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



69.4334, 74.5890, 64.1647



93.0330, 98.5245, 100.3400



63.1845, 61.3178, 64.4663



19.8338, 21.0299, 21.1432



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.



69.4334, 74.5890, 64.1647



87.5085, 94.3360, 77.3488



67.0171, 74.9656, 64.3647



15.4348, 16.4835, 15.2726



30.2789, 33.1319, 4.7992



2.2819, 2.5371, 0.3694

Inverse Universe

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



58.5520, 59.9028, 82.6058



71.2912, 72.4488, 104.8343



60.7362, 59.6552, 82.4429



13.7318, 14.1850, 18.1586



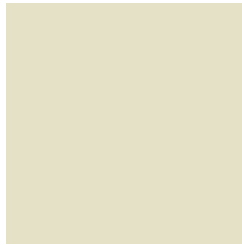
8.3927, 3.8475, 42.6835



0.6689, 0.3817, 3.1704

Previews

White Background



This preview shows how the XYZ color 69.4314, 74.5857, 64.1631 looks on a white background.

Color Contrast Check

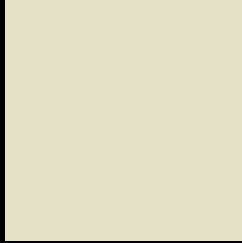
Large Text (above 18pt) WCAG AA × Fail

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 69.4314, 74.5857, 64.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

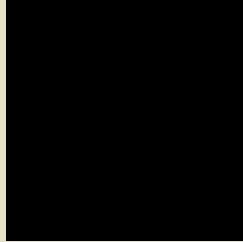
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

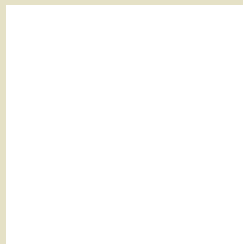
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4314, 74.5857, 64.1631

Background



This preview shows how black text looks on a background with the XYZ color 69.4314, 74.5857, 64.1631.



This preview shows how white text looks on a background with the XYZ color 69.4314, 74.5857,

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

69.4314, 74.5857, 64.1631

Protanopia

70.3974, 74.2990, 63.4541

Deuteranopia

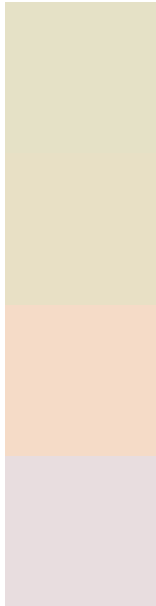
75.8542, 74.3527, 64.9971



Tritanopia

74.5493, 74.2699, 90.5271

Trichromacy



Original Color

69.4314, 74.5857, 64.1631

Protanomaly

70.0124, 74.4983, 63.5129

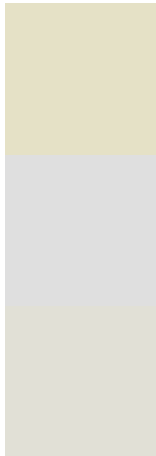
Deuteranomaly

73.2965, 74.1990, 64.4915

Tritanomaly

72.4544, 74.1964, 80.3146

Monochromacy



Original Color

69.4314, 74.5857, 64.1631

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8446, 74.1739, 74.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4314, 74.5857, 64.1631 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(229, 225, 198)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 198)  
}
```

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(229, 225, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 198) }
```

Border

The CSS property to change the border of an element to XYZ 69.4314, 74.5857, 64.1631 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(229, 225, 198) }
```


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

```
.border{ border-color:rgb(229, 225, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4314, 74.5857, 64.1631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 198) }
```

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

```
.background{ background-color: rgb(229,  
225, 198) }
```

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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