

Converting Colors

XYZ(71.0588, 74.3682, 74.1567)

Have a look what the booklet for
XYZ(71.0588, 74.3682, 74.1567)
contains.

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Color

**XYZ(71.1584, 74.4534,
74.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DFD6
RGB	230, 223, 214
RGB Percent	90%, 87%, 84%
CMY	0.0980, 0.1255, 0.1608
CMYK	0.00, 0.03, 0.07, 0.10
HSL	34°, 24%, 87%
HSV	34°, 7%, 90%
XYZ	71.1584, 74.4534, 74.2388
YIQ	224.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

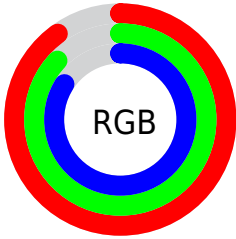
Format	Color
R _Y B	226, 230, 214
Decimal	15130582
CIE Lab	89.14, 0.84, 5.24
CIE LCh	89, 5.306, 80.927
Yxy	74.4534, 0.3237, 0.3387
Android (android.graphics.Color)	4293320662 (0xFFE6DFD6)
YUV	224.0670, -4.9630, 5.2032
Hunter-Lab	86.2864, -3.7963, 9.3887

Details

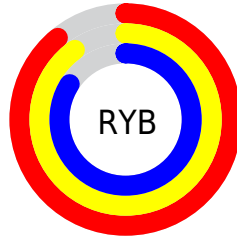
The XYZ color **71.1584, 74.4534, 74.2388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8708, 71.7210, 85.1301**, and the grayscale version is **70.9320, 74.6260, 81.2677**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7162, 39.5071, 38.4387** is the 20% darker color. If you saturate the color by 10%, you get **65.8191, 68.1478, 58.9759**, and if you desaturate by 10%, it is **77.0763, 81.2507, 91.7427**.

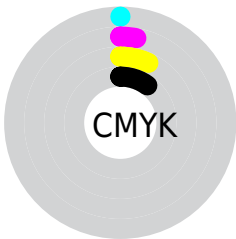
Distribution



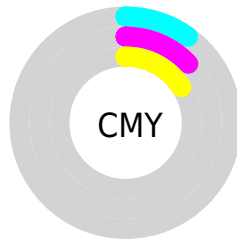
- Red (90%)
- Green (87%)
- Blue (84%)



- Red (89%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1584, 74.4534, 74.2388 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 71.1584, 74.4534, 74.2388 by changing the saturation by 10% instead.

■ 71.1584, 74.4534,
74.2388

■ 71.1584, 74.4534,
74.2388

453.8102,
476.0367, 494.4826

■ 52.7545, 55.1652,
54.4915

119.8765,
125.5383, 126.9714

■ 37.8335, 39.5340,
38.5989

150.9214,
158.1038, 160.7939

■ 26.0301, 27.1754,
26.1424

186.9107,
195.8639, 200.1451

■ 16.9790, 17.7050,
16.7035

228.2097,
239.2030, 245.4438

■ 10.3147, 10.7384,
9.8636

275.1838,
288.5054, 297.1083

■ 5.6720, 5.8912,
5.2042

328.1984,

■ 2.6854, 2.7790,

344.1556, 355.5572

2.3067

387.6187,
406.5379, 421.2091

■ 0.9897, 1.0175,
0.7350

■ 0.0000, 0.0000,
0.0000

■ 71.1584, 74.4534,
74.2388

■ 71.1584, 74.4534,
74.2388

■ 65.8191, 68.1478,
58.9759

■ 77.0763, 81.2507,
91.7427

■ 61.0321, 62.3116,
45.8571

■ 82.7695, 88.2153,
107.2726

■ 56.7782, 56.9352,
34.7856

■ 85.8640, 94.4042,
108.3041

■ 53.0345, 52.0046,
25.6554

■ 86.4435, 95.5632,
108.4972

■ 49.7763, 47.5053,
18.3506

■ 46.9762, 43.4213,
12.7429

■ 44.6037, 39.7354,
8.6871

■ 42.6235, 36.4283,
6.0132

■ 40.9908, 33.4764,
4.5022

Harmonies

Analogous

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



72.3440, 74.4534, 75.6652



71.1584, 74.4534, 74.2388



69.8816, 74.4534, 74.5982

Triad

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



71.1584, 74.4534, 74.2388



68.4694, 74.4534, 83.6364



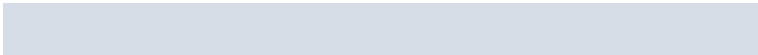
72.7130, 74.4534, 85.6373

Complementary

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



71.1584, 74.4534, 74.2388



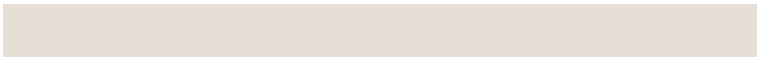
67.8708, 71.7210, 85.1301

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.



71.6573, 74.4534, 87.8995



71.1584, 74.4534, 74.2388



69.2106, 74.4534, 86.7201

Square

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



71.1584, 74.4534, 74.2388



68.3395, 74.4534, 79.9497



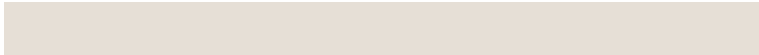
70.3745, 74.4534, 88.3018



73.2487, 74.4534, 82.1948

Rectangle

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



71.1584, 74.4534, 74.2388



69.1499, 74.4534, 75.8068



70.3745, 74.4534, 88.3018



72.4066, 74.4534, 86.5653

Sweetspot

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



71.1605, 74.4566, 74.2404



93.5324, 98.2613, 104.3969



69.7585, 70.1483, 78.4107



20.0357, 21.0503, 22.3924



0.0000, 0.0000, 0.0000



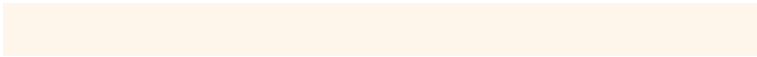
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1605, 74.4566, 74.2404



89.1579, 93.1955, 91.5840



72.8123, 78.1405, 74.8644



15.0465, 15.7070, 15.1432



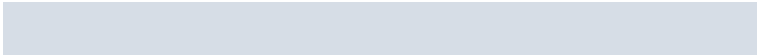
23.0759, 18.7259, 2.3982



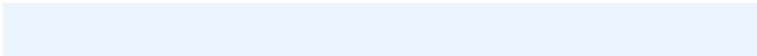
1.7973, 1.5680, 0.2079

Inverse Universe

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



67.8708, 71.7210, 85.1301



84.3853, 89.2268, 107.3826



66.2961, 68.2242, 84.5382



14.0987, 14.9188, 18.2809



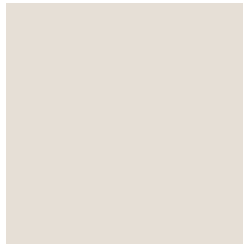
10.8139, 8.6898, 43.4905



0.8902, 0.8243, 3.2442

Previews

White Background



This preview shows how the XYZ color 71.1584, 74.4534, 74.2388 looks on a white background.

Color Contrast Check

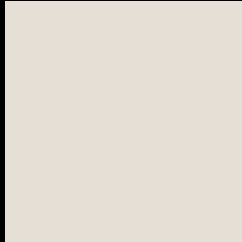
Large Text (above 18pt) WCAG AA × Fail

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 71.1584, 74.4534, 74.2388 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

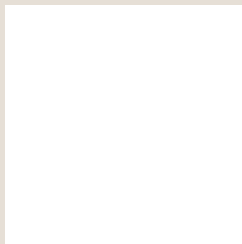
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1584, 74.4534, 74.2388

Background



This preview shows how black text looks on a background with the XYZ color 71.1584, 74.4534, 74.2388.

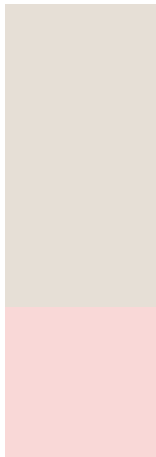


This preview shows how white text looks on a background with the XYZ color 71.1584, 74.4534,

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

71.1584, 74.4534, 74.2388

Protanopia

71.1584, 74.4534, 74.2388

Deuteranopia

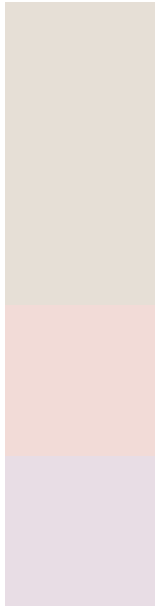
75.8885, 74.1578, 74.6041



Tritanopia

74.4835, 74.6245, 90.5990

Trichromacy



Original Color

71.1584, 74.4534, 74.2388

Protanomaly

71.1584, 74.4534, 74.2388

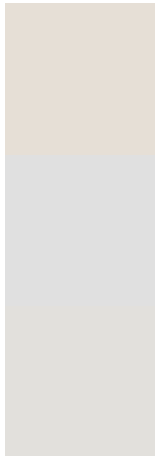
Deuteranomaly

74.2152, 74.4466, 74.7480

Tritanomaly

73.2780, 74.5259, 84.6515

Monochromacy



Original Color

71.1584, 74.4534, 74.2388

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9380, 74.6474, 78.3797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1584, 74.4534, 74.2388 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(230, 223, 214) looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 214)  
}
```

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(230, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 214) }
```

Border

The CSS property to change the border of an element to XYZ 71.1584, 74.4534, 74.2388 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(230, 223, 214) }
```


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

```
.border{ border-color:rgb(230, 223, 214) }
```

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

Here you see how a box with a 4 pixel rgb(230, 223, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1584, 74.4534, 74.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 214) }
```

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

```
.background{ background-color: rgb(230,  
223, 214) }
```

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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