

Converting Colors

XYZ(71.9476, 73.4215, 68.1373)

Have a look what the booklet for
XYZ(71.9476, 73.4215, 68.1373)
contains.

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Color

**XYZ(71.9476, 73.4215,
68.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDBCD
RGB	239, 219, 205
RGB Percent	94%, 86%, 80%
CMY	0.0627, 0.1412, 0.1961
CMYK	0.00, 0.08, 0.14, 0.06
HSL	25°, 52%, 87%
HSV	25°, 14%, 94%
XYZ	71.9476, 73.4215, 68.1373
YIQ	223.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

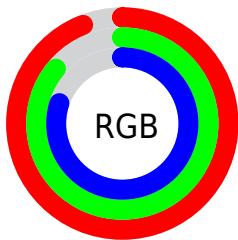
Format	Color
R _Y B	239, 229, 205
Decimal	15719373
CIE Lab	88.65, 4.61, 9.36
CIE LCh	89, 10.434, 63.765
Yxy	73.4215, 0.3370, 0.3439
Android (android.graphics.Color)	4293909453 (0xFFEFDBCD)
YUV	223.3840, -9.0633, 13.6952
Hunter-Lab	85.6863, -0.0714, 12.8334

Details

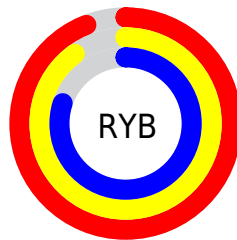
The XYZ color **71.9476, 73.4215, 68.1373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6818, 73.0602, 92.1970**, and the grayscale version is **70.4683, 74.1381, 80.7364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3898, 38.8526, 34.7541** is the 20% darker color. If you saturate the color by 10%, you get **65.7672, 65.3299, 52.9143**, and if you desaturate by 10%, it is **78.8824, 82.3152, 85.7877**.

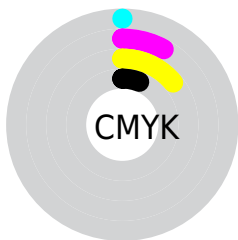
Distribution



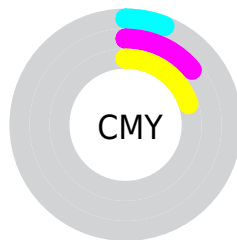
- Red (94%)
- Green (86%)
- Blue (80%)



- Red (94%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.9476, 73.4215, 68.1373 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 71.9476, 73.4215, 68.1373 by changing the saturation by 10% instead.


 71.9476, 73.4215,
68.1373

 71.9476, 73.4215,
68.1373


456.5197,
472.4744, 472.5936

 53.4012, 54.3207,
49.5421


120.9932,
124.0754, 118.2046

 38.3519, 38.8581,
34.6810


152.2232,
156.3973, 150.5138

 26.4344, 26.6494,
23.1357


188.4116,
193.8950, 188.2313

 17.2833, 17.3101,
14.4875

229.9240,
236.9529, 231.7757

 10.5332, 10.4558,
8.3179

277.1256,
285.9553, 281.5657

 5.8189, 5.7022,
4.2083

330.3819,

 2.7749, 2.6649,

341.2868, 338.0196

1.7403

390.0581,
403.3317, 401.5560

■ 1.0358, 0.9594,
0.3881

■ 0.0000, 0.0000,
0.0000

■ 71.9476, 73.4215,
68.1373

■ 71.9476, 73.4215,
68.1373

■ 65.7672, 65.3299,
52.9143

■ 78.8824, 82.3152,
85.7877

■ 60.3077, 58.0075,
40.0065

■ 86.5917, 92.0235,
105.9615

■ 55.5416, 51.4331,
29.2998

■ 89.4070, 97.0909,
108.6359

■ 51.4375, 45.5808,
20.6684

■ 47.9608, 40.4232,
13.9737

■ 45.0736, 35.9305,
9.0599

■ 42.7326, 32.0702,
5.7464

■ 40.8867, 28.8057,
3.8135

■ 40.0062, 27.1693,
3.1356

Harmonies

Analogous

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



73.8887, 73.4215, 72.4804



71.9476, 73.4215, 68.1373



69.4674, 73.4215, 66.8876

Triad

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



71.9476, 73.4215, 68.1373



65.0634, 73.4215, 80.8577



72.5112, 73.4215, 92.0363

Complementary

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



71.9476, 73.4215, 68.1373



67.6818, 73.0602, 92.1970

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.



70.1034, 73.4215, 94.5965



71.9476, 73.4215, 68.1373



65.8360, 73.4215, 87.9022

Square

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



71.9476, 73.4215, 68.1373



65.5306, 73.4215, 73.9681



67.6660, 73.4215, 93.0404



74.2195, 73.4215, 86.2324

Rectangle

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



71.9476, 73.4215, 68.1373



67.8515, 73.4215, 67.9105



67.6660, 73.4215, 93.0404



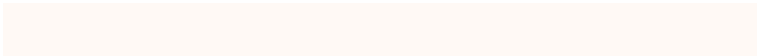
71.7547, 73.4215, 93.3202

Sweetspot

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



71.9496, 73.4248, 68.1389



91.5670, 95.5925, 99.8513



71.0741, 67.4725, 80.7990



19.4624, 20.2870, 21.0194



0.0000, 0.0000, 0.0000



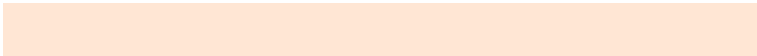
20.3446, 21.4041, 23.3091

Same Dimension

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



71.9496, 73.4248, 68.1389



81.2389, 82.3146, 73.6627



76.4973, 82.5202, 69.6548



16.3075, 16.8282, 16.5384



22.2300, 15.2581, 1.7735



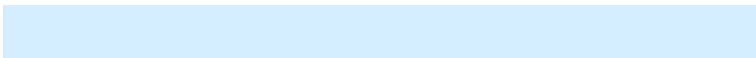
1.9450, 1.4607, 0.1794

Inverse Universe

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



67.6818, 73.0602, 92.1970



75.4266, 81.8172, 106.4246



63.4113, 64.5192, 90.7735



15.6699, 16.7739, 20.1334



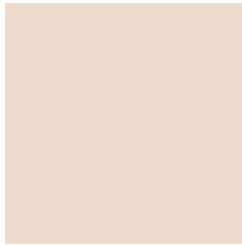
13.9700, 14.1642, 47.1255



1.2599, 1.3738, 3.9530

Previews

White Background



This preview shows how the XYZ color 71.9476, 73.4215, 68.1373 looks on a white background.

Color Contrast Check

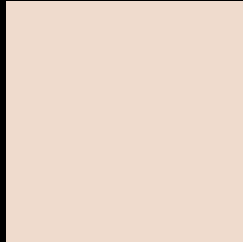
Large Text (above 18pt) WCAG AA × Fail

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 71.9476, 73.4215, 68.1373 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

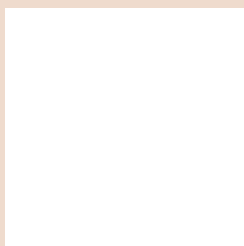
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9476, 73.4215, 68.1373

Background



This preview shows how black text looks on a background with the XYZ color 71.9476, 73.4215, 68.1373.

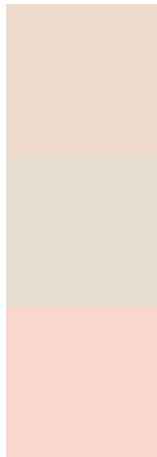


This preview shows how white text looks on a background with the XYZ color 71.9476, 73.4215,

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

71.9476, 73.4215, 68.1373

Protanopia

69.8950, 73.5218, 68.8998

Deuteranopia

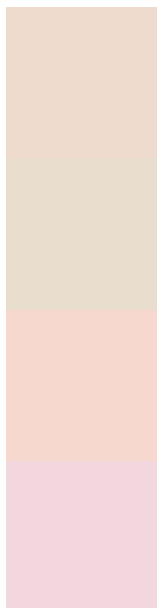
74.8654, 73.3811, 68.6107



Tritanopia

75.8281, 73.4818, 86.5308

Trichromacy



Original Color

71.9476, 73.4215, 68.1373

Protanomaly

70.6013, 73.4928, 68.8570

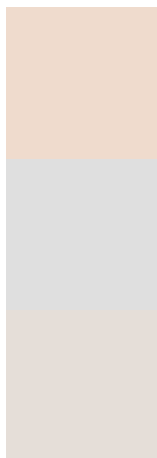
Deuteranomaly

73.7025, 73.1608, 68.6294

Tritanomaly

74.3586, 73.2629, 79.3293

Monochromacy



Original Color

71.9476, 73.4215, 68.1373

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8290, 73.8584, 75.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9476, 73.4215, 68.1373 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(239, 219, 205) looks like.

```
.text, #text, p{  
    color:rgb(239, 219, 205)  
}
```

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(239, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 205) }
```

Border

The CSS property to change the border of an element to XYZ 71.9476, 73.4215, 68.1373 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(239, 219, 205) }
```


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

```
.border{ border-color:rgb(239, 219, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 219, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9476, 73.4215, 68.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 205) }
```

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

```
.background{ background-color: rgb(239,  
219, 205) }
```

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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