

Converting Colors

XYZ(70.4234, 71.2134, 65.4902)

Have a look what the booklet for
XYZ(70.4234, 71.2134, 65.4902)
contains.

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Color

**XYZ(70.4397, 71.1686,
65.2827)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD7C9
RGB	239, 215, 201
RGB Percent	94%, 84%, 79%
CMY	0.0627, 0.1568, 0.2118
CMYK	0.00, 0.10, 0.16, 0.06
HSL	22°, 54%, 86%
HSV	22°, 16%, 94%
XYZ	70.4397, 71.1686, 65.2827
YIQ	220.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

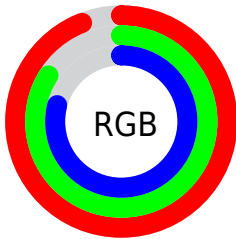
Format	Color
R _Y B	239, 223, 201
Decimal	15718345
CIE Lab	87.57, 6.07, 9.92
CIE LCh	88, 11.627, 58.540
Yxy	71.1686, 0.3405, 0.3440
Android (android.graphics.Color)	4293908425 (0xFFEFD7C9)
YUV	220.5800, -9.6529, 16.1543
Hunter-Lab	84.3615, 1.4104, 13.1718

Details

The XYZ color **70.4397, 71.1686, 65.2827** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5924, 72.4986, 92.1460**, and the grayscale version is **68.4907, 72.0575, 78.4707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3657, 37.3155, 32.8370** is the 20% darker color. If you saturate the color by 10%, you get **64.1771, 62.7978, 50.3867**, and if you desaturate by 10%, it is **77.4982, 80.4299, 82.6038**.

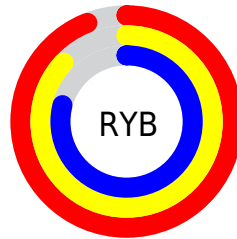
Distribution



Red (94%)

Green (84%)

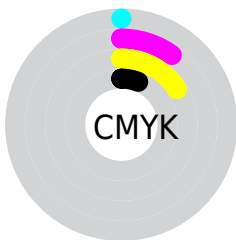
Blue (79%)



Red (94%)

Yellow (87%)

Blue (79%)

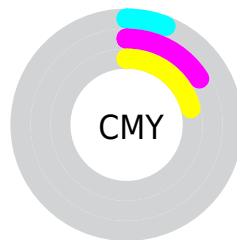


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4397, 71.1686, 65.2827 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 70.4397, 71.1686, 65.2827 by changing the saturation by 10% instead.

70.4397, 71.1686,
65.2827

70.4397, 71.1686,
65.2827

451.3347,
464.6426, 462.1412

52.1660, 52.4798,
47.2375

118.8584,
120.8738, 114.0734

37.3622, 37.3877,
32.8678

149.7342,
152.6589, 145.6560

25.6630, 25.5078,
21.7549

185.5412,
189.5783, 182.5881

16.7031, 16.4558,
13.4803

226.6451,
232.0163, 225.2884

10.1170, 9.8472,
7.6255

273.4110,
280.3574, 274.1752

5.5395, 5.2978,
3.7720

326.2043,

2.6051, 2.4230,

334.9858, 329.6673

1.5011

385.3904,
396.2861, 392.1831

■ 0.9486, 0.8377,
0.2187

■ 0.0000, 0.0000,
0.0000

■ 70.4397, 71.1686,
65.2827

■ 70.4397, 71.1686,
65.2827

■ 64.1771, 62.7978,
50.3867

■ 77.4982, 80.4299,
82.6038

■ 58.6750, 55.2807,
37.8020

■ 85.3748, 90.5979,
102.4480

■ 53.9035, 48.5919,
27.4122

■ 89.4070, 97.0909,
108.6359

■ 49.8285, 42.7012,
19.0889

■ 46.4127, 37.5760,
12.6901

■ 43.6151, 33.1814,
8.0559

■ 41.3886, 29.4791,
4.9995

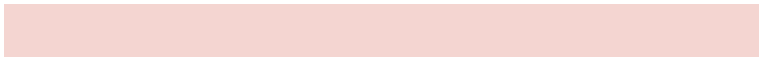
■ 39.6773, 26.4256,
3.2909

■ 39.0932, 25.3434,
2.8313

Harmonies

Analogous

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



72.3937, 71.1686, 70.4813



70.4397, 71.1686, 65.2827



67.7784, 71.1686, 63.3223

Triad

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



70.4397, 71.1686, 65.2827



62.4964, 71.1686, 77.1055



70.2003, 71.1686, 91.5630

Complementary

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



70.4397, 71.1686, 65.2827



66.5924, 72.4986, 92.1460

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.



67.5090, 71.1686, 93.6286



70.4397, 71.1686, 65.2827



63.1060, 71.1686, 84.9497

Square

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



70.4397, 71.1686, 65.2827



63.2347, 71.1686, 69.8560



64.9225, 71.1686, 91.1326



72.2529, 71.1686, 85.6619

Rectangle

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



70.4397, 71.1686, 65.2827



65.9770, 71.1686, 64.0071



64.9225, 71.1686, 91.1326



69.3381, 71.1686, 92.7458

Sweetspot

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



70.4416, 71.1718, 65.2842



90.5497, 94.1760, 97.6067



70.0839, 65.5649, 80.2442



19.2501, 19.9869, 20.5649



0.0000, 0.0000, 0.0000



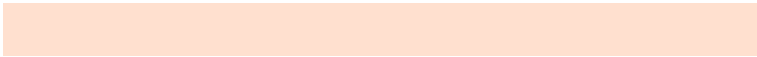
20.3446, 21.4041, 23.3091

Same Dimension

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



70.4416, 71.1718, 65.2842



79.2123, 79.2725, 69.8696



75.5439, 81.3763, 66.9850



16.2499, 16.7128, 16.5192



21.7182, 14.2346, 1.6029



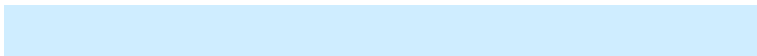
1.8987, 1.3681, 0.1640

Inverse Universe

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



66.5924, 72.4986, 92.1460



73.9826, 81.0728, 106.3571



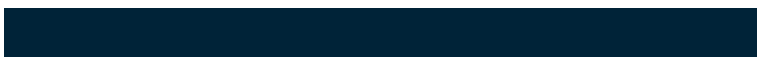
61.7557, 62.8253, 90.5338



15.7292, 16.8926, 20.1532



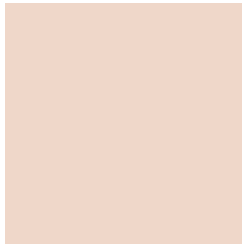
14.8480, 15.9203, 47.4182



1.3299, 1.5137, 3.9763

Previews

White Background



This preview shows how the XYZ color 70.4397, 71.1686, 65.2827 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 70.4397, 71.1686, 65.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

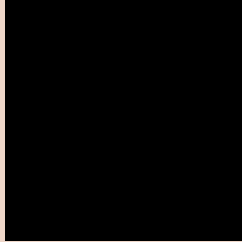
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4397, 71.1686, 65.2827

Background



This preview shows how black text looks on a background with the XYZ color 70.4397, 71.1686, 65.2827.



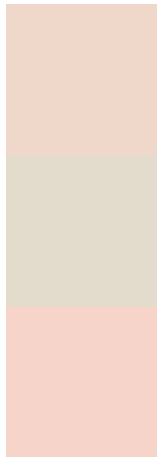
This preview shows how white text looks on a background with the XYZ color 70.4397, 71.1686,

65.2827.

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

70.4397, 71.1686, 65.2827

Protanopia

67.7896, 71.3057, 66.6904

Deuteranopia

72.5619, 71.1254, 65.7813



Tritanopia

73.9158, 71.0672, 83.2203

Trichromacy



Original Color

70.4397, 71.1686, 65.2827

Protanomaly

68.6871, 71.3960, 66.0377

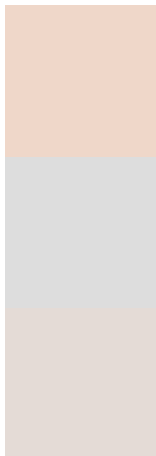
Deuteranomaly

71.7631, 71.0859, 65.8157

Tritanomaly

72.4740, 70.8497, 76.1852

Monochromacy



Original Color

70.4397, 71.1686, 65.2827

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4640, 72.0121, 73.8569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4397, 71.1686, 65.2827 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, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 201)  
}
```

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, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 201) }
```

Border

The CSS property to change the border of an element to XYZ 70.4397, 71.1686, 65.2827 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, 215, 201) }
```


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

```
.border{ border-color:rgb(239, 215, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 215, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4397, 71.1686, 65.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 201) }
```

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

```
.background{ background-color: rgb(239,  
215, 201) }
```

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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