

Converting Colors

XYZ(70.8472, 74.6712, 57.1333)

Have a look what the booklet for
XYZ(70.8472, 74.6712, 57.1333)
contains.

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Color

**XYZ(70.8472, 74.6712,
57.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD FBA
RGB	239, 223, 186
RGB Percent	94%, 87%, 73%
CMY	0.0627, 0.1255, 0.2706
CMYK	0.00, 0.07, 0.22, 0.06
HSL	42°, 62%, 83%
HSV	42°, 22%, 94%
XYZ	70.8472, 74.6712, 57.1333
YIQ	223.5660, 21.4130, -8.1150

Conversions

Conversions Part 2

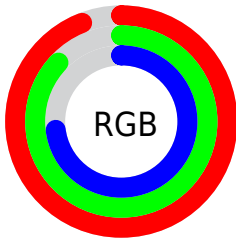
Format	Color
R _Y B	209, 239, 186
Decimal	15720378
CIE Lab	89.24, -0.27, 20.13
CIE LCh	89, 20.134, 90.762
Yxy	74.6712, 0.3496, 0.3685
Android (android.graphics.Color)	4293910458 (0xFFEFD _F B _A)
YUV	223.5660, -18.5200, 13.5356
Hunter-Lab	86.4125, -4.8747, 21.2880

Details

The XYZ color **70.8472, 74.6712, 57.1333** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.9499, 58.9108, 90.0312**, and the grayscale version is **70.6607, 74.3405, 80.9568**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.7647, 39.7660, 27.8755** is the 20% darker color. If you saturate the color by 10%, you get **66.6303, 69.9688, 44.2234**, and if you desaturate by 10%, it is **75.5752, 79.7145, 72.3119**.

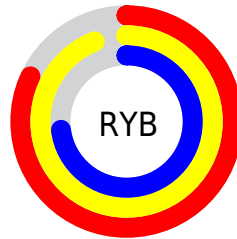
Distribution



Red (94%)

Green (87%)

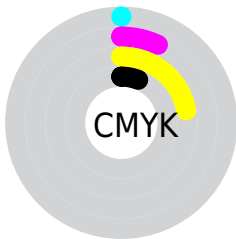
Blue (73%)



Red (82%)

Yellow (94%)

Blue (73%)

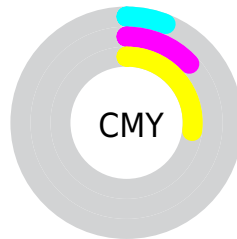


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8472, 74.6712, 57.1333 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 70.8472, 74.6712, 57.1333 by changing the saturation by 10% instead.

70.8472, 74.6712,
57.1333

70.8472, 74.6712,
57.1333

452.7393,
476.7867, 431.4563

52.4996, 55.3436,
40.7022

119.4358,
125.8468, 102.1619

37.6293, 39.6769,
27.7685

150.4076,
158.4636, 131.5965

25.8710, 27.2867,
17.9137

186.3181,
196.2789, 166.2027

16.8594, 17.7887,
10.7193

227.5327,
239.6771, 206.3990

10.2289, 10.7984,
5.7666

274.4167,
289.0425, 252.6040

5.6144, 5.9314,
2.6372

327.3356,

2.6505, 2.8034,

344.7597, 305.2362

0.9116

386.6547,
407.2130, 364.7141

■ 0.9718, 1.0300,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8472, 74.6712,
57.1333

■ 70.8472, 74.6712,
57.1333

■ 66.6303, 69.9688,
44.2234

■ 75.5752, 79.7145,
72.3119

■ 62.8964, 65.5868,
33.4659

■ 80.8290, 85.0986,
89.8583

■ 59.6236, 61.5173,
24.7413

■ 86.1918, 90.6608,
107.5642

■ 56.7855, 57.7481,
17.9163

■ 88.4125, 95.1021,
108.3045

■ 54.3529, 54.2659,
12.8418

■ 89.4068, 97.0908,
108.6359

■ 52.2921, 51.0553,
9.3459

■ 50.5626, 48.0985,
7.2218

■ 49.3920, 45.9412,
6.2643

Harmonies

Analogous

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



75.6895, 74.6712, 59.9004



70.8472, 74.6712, 57.1333



66.2481, 74.6712, 60.1943

Triad

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



70.8472, 74.6712, 57.1333



63.1579, 74.6712, 95.9475



79.5425, 74.6712, 95.2534

Complementary

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



70.8472, 74.6712, 57.1333



56.9499, 58.9108, 90.0312

Split Complementary

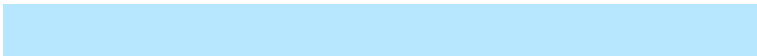
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9168, 74.6712, 106.8492



70.8472, 74.6712, 57.1333



66.4561, 74.6712, 107.2814

Square

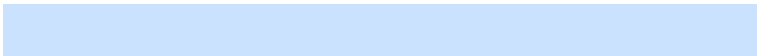
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8472, 74.6712, 57.1333



61.9365, 74.6712, 81.6645



71.0984, 74.6712, 111.4805



80.8478, 74.6712, 80.9450

Rectangle

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



70.8472, 74.6712, 57.1333



63.9020, 74.6712, 65.3579



71.0984, 74.6712, 111.4805



78.5467, 74.6712, 99.6539

Sweetspot

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



70.8492, 74.6746, 57.1349



90.6135, 95.5141, 93.8959



63.9099, 57.7709, 64.1480



19.3162, 20.3632, 19.8347



0.0000, 0.0000, 0.0000



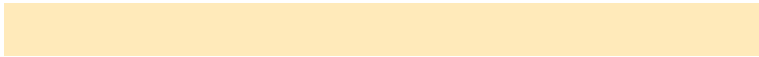
20.3446, 21.4041, 23.3091

Same Dimension

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



70.8492, 74.6746, 57.1349



79.6048, 83.7834, 58.5142



72.1336, 81.9834, 58.4779



16.6968, 17.6068, 16.6681



27.4155, 25.6291, 3.5020



2.3676, 2.3058, 0.3203

Inverse Universe

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



56.9499, 58.9108, 90.0312



60.6317, 62.2689, 103.4312



55.8311, 53.0486, 88.9586



15.2862, 16.0065, 20.0055



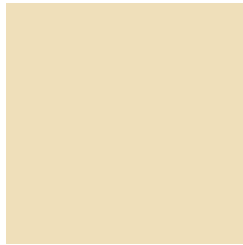
9.9956, 6.2154, 45.8007



0.9156, 0.6853, 3.8382

Previews

White Background



This preview shows how the XYZ color 70.8472, 74.6712, 57.1333 looks on a white background.

Color Contrast Check

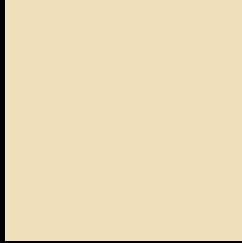
Large Text (above 18pt) WCAG AA × Fail

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 70.8472, 74.6712, 57.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

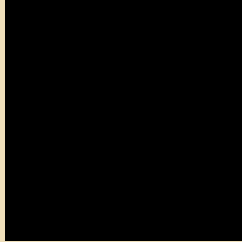
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8472, 74.6712, 57.1333

Background



This preview shows how black text looks on a background with the XYZ color 70.8472, 74.6712, 57.1333.

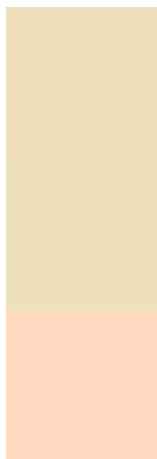


This preview shows how white text looks on a background with the XYZ color 70.8472, 74.6712,

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

70.8472, 74.6712, 57.1333

Protanopia

70.4436, 74.8610, 57.1912

Deuteranopia

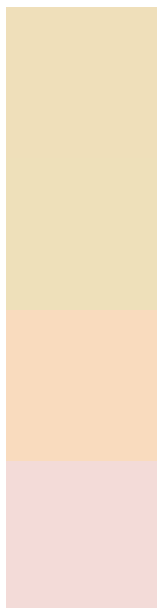
75.5673, 74.6915, 60.3032



Tritanopia

76.9200, 74.4074, 87.3987

Trichromacy



Original Color

70.8472, 74.6712, 57.1333

Protanomaly

70.7785, 75.0336, 57.2069

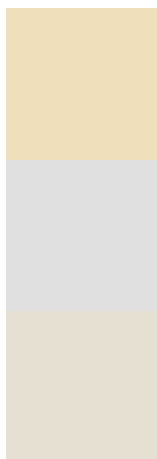
Deuteranomaly

73.6927, 74.5205, 59.2151

Tritanomaly

74.6883, 74.6756, 75.4431

Monochromacy



Original Color

70.8472, 74.6712, 57.1333

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6016, 74.6225, 71.6552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8472, 74.6712, 57.1333 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, 223, 186)` looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 186)  
}
```

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, 223, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 186) }
```

Border

The CSS property to change the border of an element to XYZ 70.8472, 74.6712, 57.1333 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, 223, 186) }
```


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

```
.border{ border-color:rgb(239, 223, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 223, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 186);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8472, 74.6712, 57.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 186) }
```

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

```
.background{ background-color: rgb(239,  
223, 186) }
```

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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