

Converting Colors

XYZ(72.5751, 75.7864, 42.0705)

Have a look what the booklet for
XYZ(72.5751, 75.7864, 42.0705)
contains.

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Color

**XYZ(72.5333, 75.8711,
42.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDF9C
RGB	252, 223, 156
RGB Percent	99%, 87%, 61%
CMY	0.0118, 0.1255, 0.3882
CMYK	0.00, 0.12, 0.38, 0.01
HSL	42°, 94%, 80%
HSV	42°, 38%, 99%
XYZ	72.5333, 75.8711, 42.2742
YIQ	224.0330, 38.7910, -14.6890

Conversions

Conversions Part 2

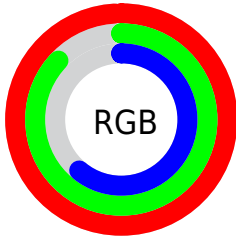
Format	Color
RYB	198, 252, 156
Decimal	16572316
CIELab	89.80, 0.88, 36.51
CIELCh	90, 36.519, 88.613
Yxy	75.8711, 0.3804, 0.3979
Android (android.graphics.Color)	4294762396 (0xFFFCDF9C)
YUV	224.0330, -33.5403, 24.5271
Hunter-Lab	87.1040, -3.7914, 32.1976

Details

The XYZ color **72.5333, 75.8711, 42.2742** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.6295, 48.7926, 98.9502**, and the grayscale version is **71.0895, 74.7917, 81.4482**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **38.7495, 40.4741, 18.8667** is the 20% darker color. If you saturate the color by 10%, you get **68.6295, 71.1313, 31.5151**, and if you desaturate by 10%, it is **76.9751, 80.9778, 55.3982**.

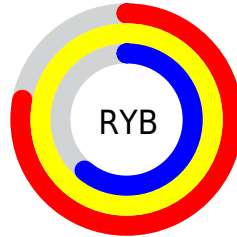
Distribution



Red (99%)

Green (87%)

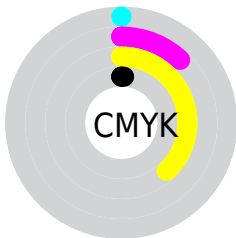
Blue (61%)



Red (78%)

Yellow (99%)

Blue (61%)

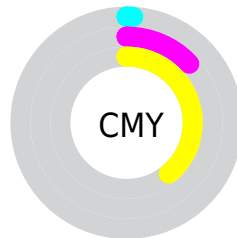


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5333, 75.8711, 42.2742 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 72.5333, 75.8711, 42.2742 by changing the saturation by 10% instead.


 72.5333, 75.8711,
42.2742


 72.5333, 75.8711,
42.2742


458.5246,
480.9063, 371.4515

 53.8815, 56.3268,
28.9889


 121.8211,
127.5447, 79.8890

 38.7372, 40.4650,
18.8269


 153.1879,
160.4428, 105.0556

 26.7351, 27.9013,
11.3697

189.5236,
198.5609, 135.0197

 17.5100, 18.2513,
6.1988

231.1936,
242.2835, 170.1998

 10.6963, 11.1305,
2.8956

278.5634,
291.9950, 211.0145

 5.9288, 6.1547,
1.0416

331.9983,

 2.8421, 2.9394,

348.0797, 257.8823

0.0000

391.8635,
410.9220, 311.2218

■ 1.0708, 1.1002,
0.0000

■ 0.0005, 0.0000,
0.0000

■ 72.5333, 75.8711,
42.2742

■ 72.5333, 75.8711,
42.2742

■ 68.6295, 71.1313,
31.5151

■ 76.9751, 80.9778,
55.3982

■ 65.2291, 66.7345,
22.9706

■ 81.9754, 86.4534,
71.0157

■ 62.3022, 62.6696,
16.4803

■ 87.5608, 92.3129,
89.2513

■ 59.8127, 58.9200,
11.8601

■ 93.4625, 98.4507,
108.6846

■ 57.7181, 55.4669,
8.8926

93.9548, 99.4354,
108.8487

■ 55.9607, 52.2850,
7.2805

■ 55.6487, 51.7031,
7.0467

Harmonies

Analogous

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



81.5176, 75.8711, 47.0813



72.5333, 75.8711, 42.2742



64.1307, 75.8711, 46.2607

Triad

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



72.5333, 75.8711, 42.2742



57.9486, 75.8711, 108.7225



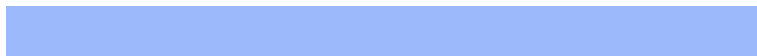
87.9367, 75.8711, 111.2394

Complementary

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



72.5333, 75.8711, 42.2742



48.6295, 48.7926, 98.9502

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.



80.7321, 75.8711, 134.2709



72.5333, 75.8711, 42.2742



63.4615, 75.8711, 132.6178

Square

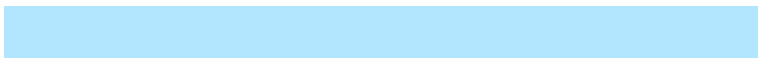
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5333, 75.8711, 42.2742



56.1433, 75.8711, 81.4157



71.6947, 75.8711, 142.8020



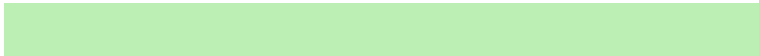
90.8562, 75.8711, 83.8174

Rectangle

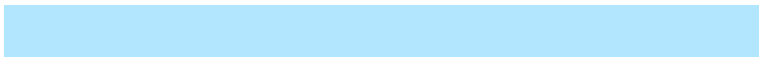
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5333, 75.8711, 42.2742



59.8805, 75.8711, 53.9579



71.6947, 75.8711, 142.8020



85.9077, 75.8711, 119.9473

Sweetspot

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



72.5352, 75.8746, 42.2758



88.2149, 93.0367, 85.9453



60.9394, 48.0354, 52.7384



18.7125, 19.7372, 17.8407



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.



72.5352, 75.8746, 42.2758



71.2870, 74.0487, 34.4666



74.8746, 89.5814, 44.7981



18.2590, 19.2538, 18.2164



29.1237, 27.2040, 3.7159



2.7904, 2.7056, 0.3752

Inverse Universe

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



48.6295, 48.7926, 98.9502



43.4496, 42.5337, 100.5275



46.8265, 39.7590, 97.3016



16.7104, 17.4977, 21.8819



10.6155, 6.5865, 48.6854



1.0719, 0.7875, 4.5387

Previews

White Background



This preview shows how the XYZ color 72.5333, 75.8711, 42.2742 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 72.5333, 75.8711, 42.2742 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 72.5333, 75.8711, 42.2742

Background



This preview shows how black text looks on a background with the XYZ color 72.5333, 75.8711, 42.2742.



This preview shows how white text looks on a background with the XYZ color 72.5333, 75.8711,

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

72.5333, 75.8711, 42.2742

Protanopia

70.5904, 76.0601, 42.8588

Deuteranopia

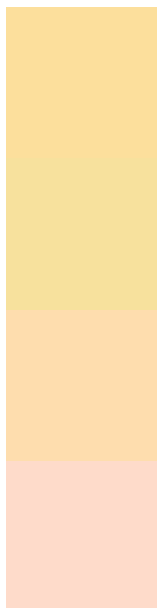
75.5902, 75.9492, 56.5746



Tritanopia

79.9387, 76.0289, 84.5906

Trichromacy



Original Color

72.5333, 75.8711, 42.2742

Protanomaly

71.3688, 76.0589, 42.8176

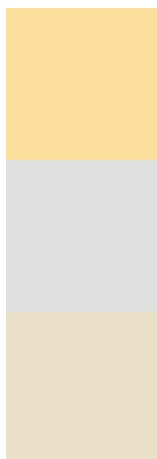
Deuteranomaly

74.3695, 75.8397, 50.7632

Tritanomaly

76.8652, 75.9981, 66.4950

Monochromacy



Original Color

72.5333, 75.8711, 42.2742

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8961, 74.9273, 64.7586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5333, 75.8711, 42.2742 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(252, 223, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 156)  
}
```

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(252, 223, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 156) }
```

Border

The CSS property to change the border of an element to XYZ 72.5333, 75.8711, 42.2742 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(252, 223, 156) }
```


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

```
.border{ border-color:rgb(252, 223, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5333, 75.8711, 42.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 156) }
```

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

```
.background{ background-color: rgb(252,  
223, 156) }
```

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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