

Converting Colors

XYZ(72.3503, 75.1488, 56.3286)

Have a look what the booklet for
XYZ(72.3503, 75.1488, 56.3286)
contains.

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Color

**XYZ(72.1865, 74.9784,
56.5666)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DEB9
RGB	244, 222, 185
RGB Percent	96%, 87%, 73%
CMY	0.0431, 0.1294, 0.2745
CMYK	0.00, 0.09, 0.24, 0.04
HSL	38°, 73%, 84%
HSV	38°, 24%, 96%
XYZ	72.1865, 74.9784, 56.5666
YIQ	224.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

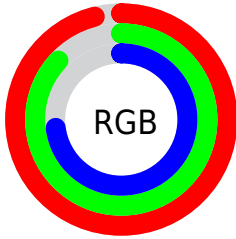
Format	Color
R_{YB}	220, 244, 185
Decimal	16047801
CIE _{Lab}	89.38, 1.95, 20.92
CIE _{LCh}	89, 21.006, 84.673
Yxy	74.9784, 0.3543, 0.3680
Android (android.graphics.Color)	4294237881 (0xFFFF4DEB9)
YUV	224.3600, -19.4045, 17.2243
Hunter-Lab	86.5901, -2.7247, 21.8807

Details

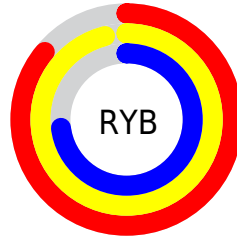
The XYZ color **72.1865, 74.9784, 56.5666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.6493, 61.4702, 94.3623**, and the grayscale version is **71.2327, 74.9423, 81.6122**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.4771, 39.8682, 27.4972** is the 20% darker color. If you saturate the color by 10%, you get **67.4779, 69.3354, 43.3610**, and if you desaturate by 10%, it is **77.4715, 81.0657, 72.1469**.

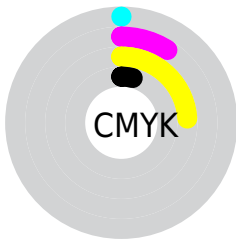
Distribution



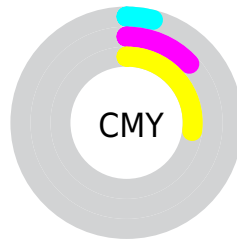
- Red (96%)
- Green (87%)
- Blue (73%)



- Red (86%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1865, 74.9784, 56.5666 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 72.1865, 74.9784, 56.5666 by changing the saturation by 10% instead.


 72.1865, 74.9784,
56.5666

 72.1865, 74.9784,
56.5666

457.3380,
477.8433, 429.2715

 53.5970, 55.5952,
40.2503


 121.3310,
126.2818, 101.3266

 38.5090, 39.8785,
27.4185


152.6168,
158.9708, 130.6074

 26.5570, 27.4438,
17.6526


188.8654,
196.8638, 165.0467

 17.3756, 17.9068,
10.5340

230.4421,
240.3452, 205.0633

 10.5996, 10.8831,
5.6442

277.7124,
289.7995, 251.0755

 5.8636, 5.9883,
2.5647

331.0416,

 2.8022, 2.8380,

345.6110, 303.5019

0.8742

390.7950,
408.1642, 362.7610

■ 1.0500, 1.0477,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1865, 74.9784,
56.5666

■ 72.1865, 74.9784,
56.5666

■ 67.4779, 69.3354,
43.3610

■ 77.4715, 81.0657,
72.1469

■ 63.3153, 64.1136,
32.4059

■ 83.3499, 87.5995,
90.2082

■ 59.6738, 59.3022,
23.5727

■ 89.3254, 94.3870,
108.1183

■ 56.5243, 54.8861,
16.7180

■ 91.1185, 97.9732,
108.7160

■ 53.8340, 50.8488,
11.6803

■ 51.5654, 47.1716,
8.2723

■ 49.6726, 43.8325,
6.2652

■ 48.7058, 42.0279,
5.5451

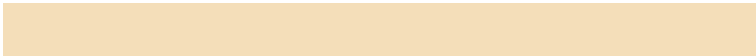
Harmonies

Analogous

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



77.1359, 74.9784, 60.6477



72.1865, 74.9784, 56.5666



67.2167, 74.9784, 58.5171

Triad

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



72.1865, 74.9784, 56.5666



62.6528, 74.9784, 94.0384



79.6393, 74.9784, 99.1306

Complementary

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



72.1865, 74.9784, 56.5666



58.6493, 61.4702, 94.3623

Split Complementary

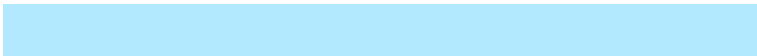
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4721, 74.9784, 110.1667



72.1865, 74.9784, 56.5666



65.6993, 74.9784, 106.9878

Square

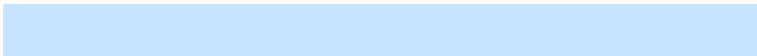
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1865, 74.9784, 56.5666



61.8669, 74.9784, 79.0382



70.3508, 74.9784, 113.2016



81.5691, 74.9784, 84.2957

Rectangle

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



72.1865, 74.9784, 56.5666



64.5372, 74.9784, 63.1131



70.3508, 74.9784, 113.2016



78.4443, 74.9784, 103.4753

Sweetspot

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



72.1885, 74.9818, 56.5682



90.2217, 94.7307, 93.7654



65.9960, 58.4672, 67.2354



19.2254, 20.1815, 19.8044



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.



72.1885, 74.9818, 56.5682



77.1729, 79.7728, 55.0732



76.0723, 86.2294, 58.5345



17.3652, 18.2146, 17.3981



26.6188, 23.1231, 3.0602



2.4379, 2.2290, 0.3017

Inverse Universe

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



58.6493, 61.4702, 94.3623



59.8248, 62.4637, 103.5113



55.3877, 52.4219, 92.7877



16.0872, 16.9387, 20.9642



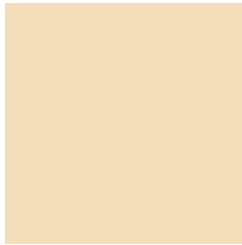
11.0315, 7.8568, 47.4731



1.0647, 0.8808, 4.2041

Previews

White Background



This preview shows how the XYZ color 72.1865, 74.9784, 56.5666 looks on a white background.

Color Contrast Check

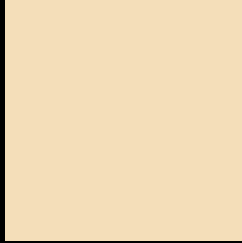
Large Text (above 18pt) WCAG AA × Fail

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 72.1865, 74.9784, 56.5666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

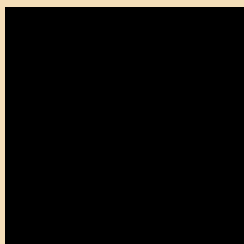
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1865, 74.9784, 56.5666

Background



This preview shows how black text looks on a background with the XYZ color 72.1865, 74.9784, 56.5666.



This preview shows how white text looks on a background with the XYZ color 72.1865, 74.9784,

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

72.1865, 74.9784, 56.5666

Protanopia

70.4436, 74.8610, 57.1912

Deuteranopia

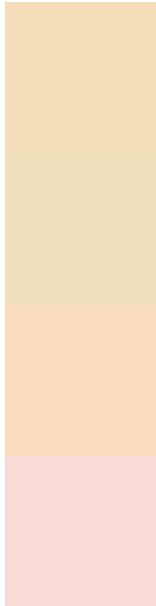
75.5673, 74.6915, 60.3032



Tritanopia

78.2903, 74.7511, 86.6460

Trichromacy



Original Color

72.1865, 74.9784, 56.5666

Protanomaly

71.1858, 74.8458, 57.1492

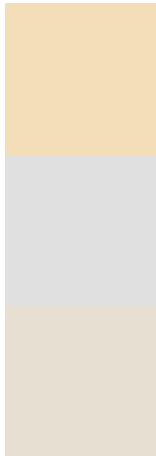
Deuteranomaly

74.3005, 74.8464, 58.6749

Tritanomaly

76.0485, 75.0056, 74.7593

Monochromacy



Original Color

72.1865, 74.9784, 56.5666

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9755, 74.4174, 71.5960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1865, 74.9784, 56.5666 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(244, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 185)  
}
```

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(244, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 185) }
```

Border

The CSS property to change the border of an element to XYZ 72.1865, 74.9784, 56.5666 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(244, 222, 185) }
```


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

```
.border{ border-color:rgb(244, 222, 185) }
```

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

Here you see how a box with a 4 pixel rgb(244, 222, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1865, 74.9784, 56.5666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 185) }
```

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

```
.background{ background-color: rgb(244,  
222, 185) }
```

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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