

Converting Colors

XYZ(75.6550, 76.2244, 74.8479)

Have a look what the booklet for
XYZ(75.6550, 76.2244, 74.8479)
contains.

XYZ(75.6952, 76.3819, 75.0436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.6952, 76.3819,
75.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DED7
RGB	244, 222, 215
RGB Percent	96%, 87%, 84%
CMY	0.0431, 0.1294, 0.1569
CMYK	0.00, 0.09, 0.12, 0.04
HSL	14°, 57%, 90%
HSV	14°, 12%, 96%
XYZ	75.6952, 76.3819, 75.0436
YIQ	227.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

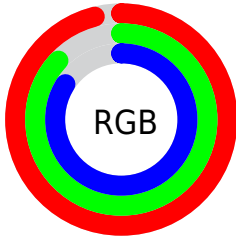
Format	Color
RYB	244, 224, 215
Decimal	16047831
CIELab	90.04, 6.41, 6.16
CIELCh	90, 8.887, 43.858
Yxy	76.3819, 0.3333, 0.3363
Android (android.graphics.Color)	4294237911 (0xFFFF4DED7)
YUV	227.7800, -6.3005, 14.2249
Hunter-Lab	87.3967, 1.6564, 10.2681

Details

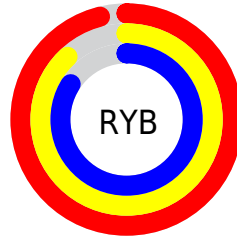
The XYZ color **75.6952, 76.3819, 75.0436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6373, 81.5455, 97.3947**, and the grayscale version is **73.6205, 77.4545, 84.3479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9029, 40.8669, 38.9900** is the 20% darker color. If you saturate the color by 10%, you get **68.1427, 65.9253, 58.1940**, and if you desaturate by 10%, it is **84.2592, 88.1114, 94.5391**.

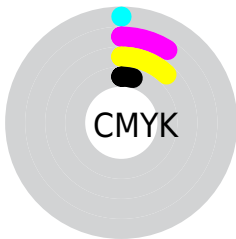
Distribution



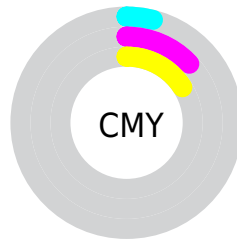
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (88%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6952, 76.3819, 75.0436 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 75.6952, 76.3819, 75.0436 by changing the saturation by 10% instead.

75.6952, 76.3819,
75.0436

75.6952, 76.3819,
75.0436

469.2641,
482.6540, 497.3268

56.4788, 56.7457,
55.1467

126.2786,
128.2666, 128.1217

40.8254, 40.8011,
39.1198

158.3763,
161.2839, 162.1400

28.3698, 28.1637,
26.5444

195.4985,
199.5304, 201.7025

18.7465, 18.4491,
17.0019

238.0106,
243.3904, 247.2277

11.5901, 11.2729,
10.0739

286.2778,
293.2484, 299.1342

6.5354, 6.2507,
5.3417

340.6655,

3.2170, 2.9981,

349.4887, 357.8406

2.3869

401.5392,
412.4958, 423.7652

■ 1.2696, 1.1308,
0.7793

■ 0.1603, 0.0040,
0.0000

■ 75.6952, 76.3819,
75.0436

■ 75.6952, 76.3819,
75.0436

■ 68.1427, 65.9253,
58.1940

■ 84.2592, 88.1114,
94.5391

■ 61.5573, 56.6886,
43.8709

■ 91.1185, 97.9733,
108.7160

■ 55.9008, 48.6296,
31.9532

■ 51.1297, 41.7003,
22.3077

■ 47.1970, 35.8488,
14.7882

■ 44.0510, 31.0193,
9.2311

■ 41.6340, 27.1506,
5.4490

■ 39.8786, 24.1742,
3.2168

■ 38.8691, 22.3544,
2.2662

Harmonies

Analogous

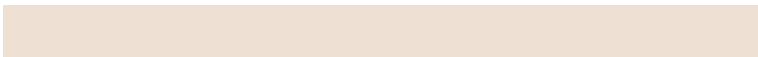
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7883, 76.3819, 80.2957



75.6952, 76.3819, 75.0436



73.7824, 76.3819, 72.0526

Triad

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



75.6952, 76.3819, 75.0436



68.6064, 76.3819, 79.8405



73.6177, 76.3819, 95.5063

Complementary

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



75.6952, 76.3819, 75.0436



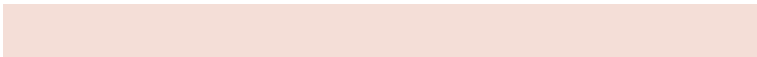
74.6373, 81.5455, 97.3947

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.



71.4277, 76.3819, 95.3691



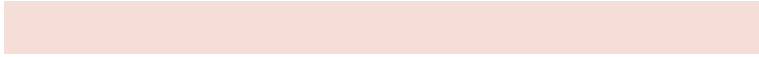
75.6952, 76.3819, 75.0436



68.5644, 76.3819, 86.1057

Square

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



75.6952, 76.3819, 75.0436



69.7039, 76.3819, 74.7249



69.5878, 76.3819, 91.8562



75.5725, 76.3819, 92.2219

Rectangle

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



75.6952, 76.3819, 75.0436



72.3141, 76.3819, 71.6438



69.5878, 76.3819, 91.8562



72.8840, 76.3819, 95.8637

Sweetspot

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



75.6973, 76.3853, 75.0452



91.0323, 94.5232, 99.6731



76.9297, 73.9631, 90.5221



19.3274, 20.0169, 20.9744



0.0000, 0.0000, 0.0000



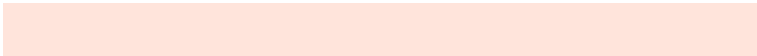
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6973, 76.3853, 75.0452



81.7878, 81.8345, 78.7101



79.6471, 84.2848, 76.3618



16.8241, 17.1323, 17.2177



21.2231, 12.3317, 1.2617



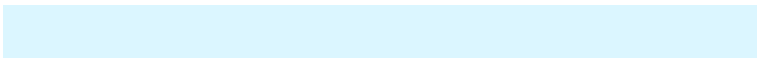
1.9422, 1.2377, 0.1365

Inverse Universe

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



74.6373, 81.5455, 97.3947



80.4244, 88.4680, 107.4450



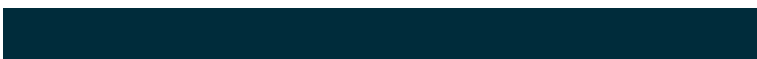
70.6709, 73.6128, 96.0726



16.6378, 18.0399, 21.1477



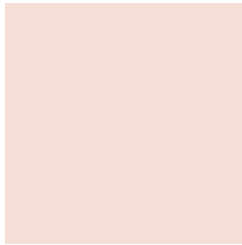
18.4317, 22.6571, 49.9398



1.6992, 2.1498, 4.4156

Previews

White Background



This preview shows how the XYZ color 75.6952, 76.3819, 75.0436 looks on a white background.

Color Contrast Check

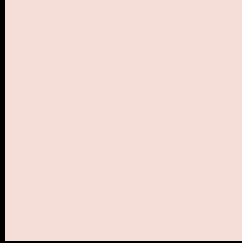
Large Text (above 18pt) WCAG AA × Fail

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 75.6952, 76.3819, 75.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

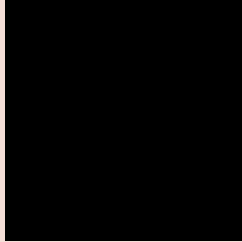
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

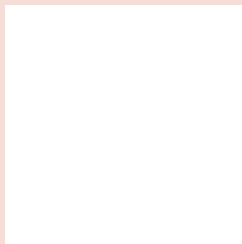
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6952, 76.3819, 75.0436

Background



This preview shows how black text looks on a background with the XYZ color 75.6952, 76.3819, 75.0436.



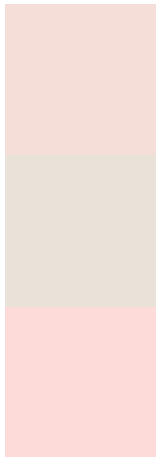
This preview shows how white text looks on a background with the XYZ color 75.6952, 76.3819,

75.0436.

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

75.6952, 76.3819, 75.0436

Protanopia

73.3250, 76.7261, 76.5906

Deuteranopia

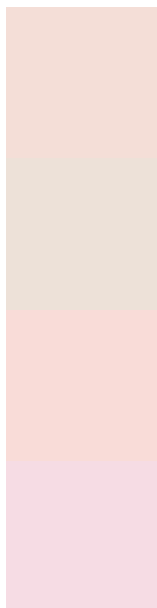
77.8711, 76.3164, 75.5920



Tritanopia

78.8296, 76.4933, 89.9668

Trichromacy



Original Color

75.6952, 76.3819, 75.0436

Protanomaly

74.2449, 76.8128, 75.8790

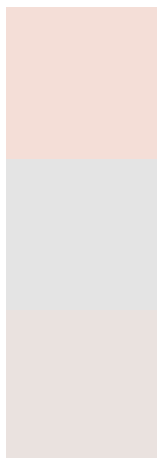
Deuteranomaly

77.0548, 76.2840, 75.6288

Tritanomaly

77.6028, 76.3807, 84.0516

Monochromacy



Original Color

75.6952, 76.3819, 75.0436

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4473, 77.2129, 80.7918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6952, 76.3819, 75.0436 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, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 215) }
```

Border

The CSS property to change the border of an element to XYZ 75.6952, 76.3819, 75.0436 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, 215) }
```


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

```
.border{ border-color:rgb(244, 222, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6952, 76.3819, 75.0436 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, 215) }
```

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

```
.background{ background-color: rgb(244,  
222, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor