

Converting Colors

XYZ(74.9669, 75.5769, 74.6277)

Have a look what the booklet for
XYZ(74.9669, 75.5769, 74.6277)
contains.

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Color

**XYZ(75.0843, 75.6739,
74.9391)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3DDD7 |
| RGB | 243, 221, 215 |
| RGB Percent | 95%, 87%, 84% |
| CMY | 0.0471, 0.1333, 0.1569 |
| CMYK | 0.00, 0.09, 0.12, 0.05 |
| HSL | 13°, 54%, 90% |
| HSV | 13°, 12%, 95% |
| XYZ | 75.0843, 75.6739, 74.9391 |
| YIQ | 226.8940, 15.0380, 2.7980 |

Conversions

Conversions Part 2

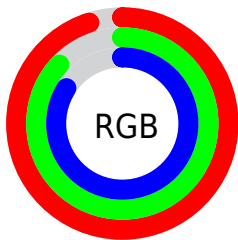
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 223, 215 |
| Decimal | 15982039 |
| CIE Lab | 89.71, 6.57, 5.67 |
| CIE LCh | 90, 8.683, 40.790 |
| Yxy | 75.6739, 0.3327, 0.3353 |
| Android (android.graphics.Color) | 4294172119 (0xFFF3DDD7) |
| YUV | 226.8940, -5.8637, 14.1250 |
| Hunter-Lab | 86.9907, 1.8349, 9.8175 |

Details

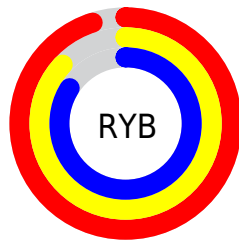
The XYZ color **75.0843, 75.6739, 74.9391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4857, 81.4847, 96.5970**, and the grayscale version is **72.9720, 76.7722, 83.6050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4749, 40.3753, 38.9177** is the 20% darker color. If you saturate the color by 10%, you get **67.4346, 65.0054, 58.1112**, and if you desaturate by 10%, it is **83.7751, 87.6808, 94.4038**.

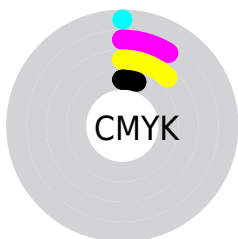
Distribution



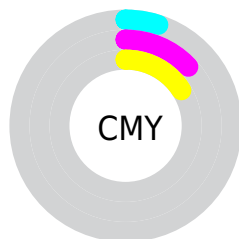
- Red (95%)
- Green (87%)
- Blue (84%)



- Red (95%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0843, 75.6739, 74.9391 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 75.0843, 75.6739, 74.9391 by changing the saturation by 10% instead.


 75.0843, 75.6739,
74.9391

 75.0843, 75.6739,
74.9391


467.2000,
480.2307, 496.9581

 55.9764, 56.1651,
55.0616


125.4190,
127.2658, 127.9725

 40.4209, 40.3353,
39.0521


157.3764,
160.1178, 161.9654

 28.0525, 27.8001,
26.4921


194.3477,
198.1863, 201.5005

 18.5059, 18.1750,
16.9631

236.6983,
241.8558, 246.9963

 11.4157, 11.0757,
10.0465

284.7934,
291.5105, 298.8715

 6.4165, 6.1178,
5.3238

338.9985,

 3.1430, 2.9168,

347.5350, 357.5445

2.3764

399.6789,
410.3136, 423.4338

■ 1.2298, 1.0885,
0.7736

■ 0.1297, 0.0000,
0.0000

■ 75.0843, 75.6739,
74.9391

■ 75.0843, 75.6739,
74.9391

■ 67.4346, 65.0054,
58.1112

■ 83.7751, 87.6808,
94.4038

■ 60.7803, 55.6188,
43.8018

■ 90.7724, 97.7948,
108.6998

■ 55.0813, 47.4685,
31.8903

■ 50.2926, 40.5021,
22.2446

■ 46.3653, 34.6637,
14.7197

■ 43.2457, 29.8926,
9.1536

■ 40.8735, 26.1221,
5.3604

■ 39.1791, 23.2774,
3.1182

■ 38.1954, 21.5207,
2.1408

Harmonies

Analogous

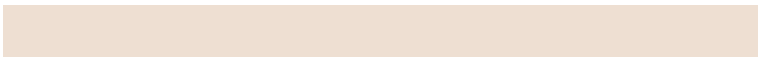
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0414, 75.6739, 80.2108



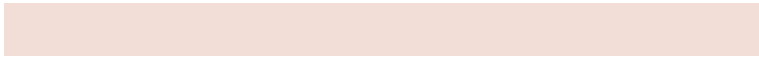
75.0843, 75.6739, 74.9391



73.2873, 75.6739, 71.7675

Triad

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



75.0843, 75.6739, 74.9391



68.1120, 75.6739, 78.5815



72.6984, 75.6739, 94.5148

Complementary

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



75.0843, 75.6739, 74.9391



74.4857, 81.4847, 96.5970

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.



70.5812, 75.6739, 94.0253



75.0843, 75.6739, 74.9391



67.9614, 75.6739, 84.6206

Square

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



75.0843, 75.6739, 74.9391



69.2726, 75.6739, 73.7973



68.8571, 75.6739, 90.3319



74.6458, 75.6739, 91.6380

Rectangle

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



75.0843, 75.6739, 74.9391



71.8691, 75.6739, 71.1721



68.8571, 75.6739, 90.3319



71.9825, 75.6739, 94.7419

Sweetspot

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



75.0864, 75.6772, 74.9407



91.9553, 95.7425, 101.9127



76.6080, 73.7944, 90.6343



19.5091, 20.2543, 21.4238



0.0000, 0.0000, 0.0000



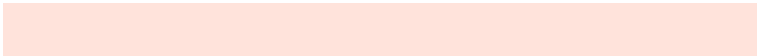
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0864, 75.6772, 74.9407



81.5227, 81.3043, 78.6217



78.8226, 83.1497, 76.1861



16.7871, 17.0584, 17.2054



21.0422, 11.9701, 1.2014



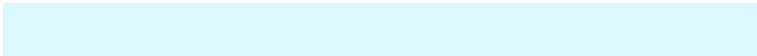
1.9215, 1.1963, 0.1296

Inverse Universe

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



74.4857, 81.4847, 96.5970



80.7199, 89.0589, 107.5434



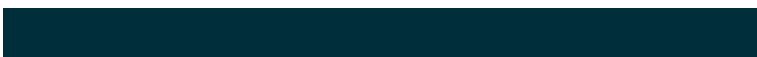
70.6976, 73.9085, 95.3343



16.6775, 18.1193, 21.1609



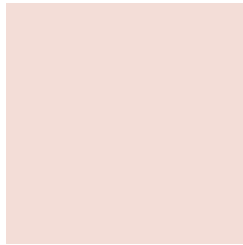
19.1933, 24.1805, 50.1937



1.7602, 2.2718, 4.4360

Previews

White Background



This preview shows how the XYZ color 75.0843, 75.6739, 74.9391 looks on a white background.

Color Contrast Check

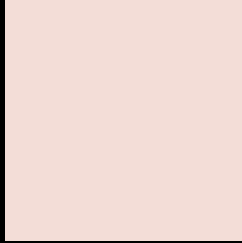
Large Text (above 18pt) WCAG AA × Fail

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 75.0843, 75.6739, 74.9391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

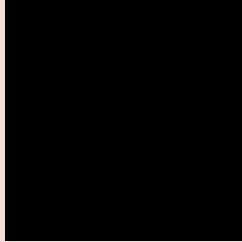
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0843, 75.6739, 74.9391

Background



This preview shows how black text looks on a background with the XYZ color 75.0843, 75.6739, 74.9391.



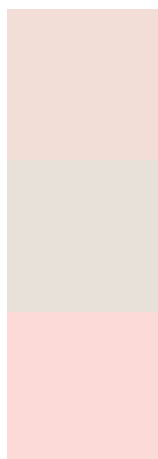
This preview shows how white text looks on a background with the XYZ color 75.0843, 75.6739, 74.9391.

74.9391.

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

75.0843, 75.6739, 74.9391

Protanopia

72.7283, 76.0160, 76.4850

Deuteranopia

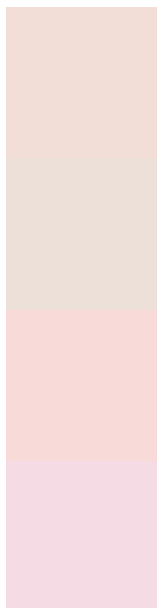
77.2497, 75.6099, 75.4884



Tritanopia

78.0728, 75.7338, 89.1005

Trichromacy



Original Color

75.0843, 75.6739, 74.9391

Protanomaly

73.6424, 76.1020, 75.7735

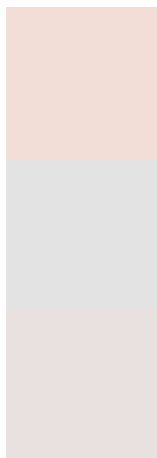
Deuteranomaly

76.4376, 75.5774, 75.5249

Tritanomaly

76.9913, 75.6769, 83.9480

Monochromacy



Original Color

75.0843, 75.6739, 74.9391

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8488, 76.5018, 80.6861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0843, 75.6739, 74.9391 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(243, 221, 215) looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 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(243, 221, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 215) }
```

Border

The CSS property to change the border of an element to XYZ 75.0843, 75.6739, 74.9391 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(243, 221, 215) }
```


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

```
.border{ border-color:rgb(243, 221, 215) }
```

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

Here you see how a box with a 4 pixel rgb(243, 221, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 221, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 221, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 221,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0843, 75.6739, 74.9391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 215) }
```

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

```
.background{ background-color: rgb(243,  
221, 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](#).

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