

Converting Colors

XYZ(76.5437, 77.5468, 76.2182)

Have a look what the booklet for
XYZ(76.5437, 77.5468, 76.2182)
contains.

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Color

**XYZ(76.3586, 77.5023,
75.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E0D8
RGB	244, 224, 216
RGB Percent	96%, 88%, 85%
CMY	0.0431, 0.1215, 0.1529
CMYK	0.00, 0.08, 0.11, 0.04
HSL	17°, 56%, 90%
HSV	17°, 11%, 96%
XYZ	76.3586, 77.5023, 75.9007
YIQ	229.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

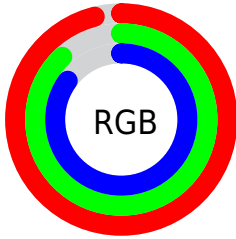
Format	Color
RYB	244, 227, 216
Decimal	16048344
CIELab	90.55, 5.53, 6.38
CIELCh	91, 8.443, 49.048
Yxy	77.5023, 0.3323, 0.3373
Android (android.graphics.Color)	4294238424 (0xFFFF4E0D8)
YUV	229.0680, -6.4425, 13.0954
Hunter-Lab	88.0354, 0.7623, 10.5072

Details

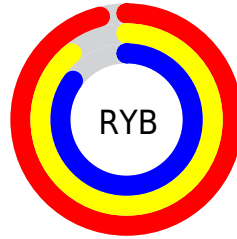
The XYZ color **76.3586, 77.5023, 75.9007** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6433, 81.1200, 97.3125**, and the grayscale version is **74.5665, 78.4498, 85.4318**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3600, 41.6405, 39.5757** is the 20% darker color. If you saturate the color by 10%, you get **68.9904, 67.4443, 59.0199**, and if you desaturate by 10%, it is **84.6795, 88.7144, 95.4119**.

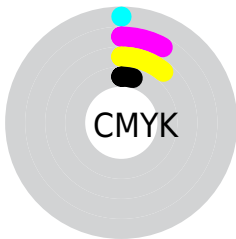
Distribution



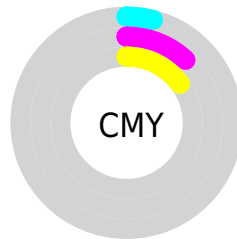
- Red (96%)
- Green (88%)
- Blue (85%)



- Red (96%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3586, 77.5023, 75.9007 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 76.3586, 77.5023, 75.9007 by changing the saturation by 10% instead.


 76.3586, 77.5023,
75.9007

 76.3586, 77.5023,
75.9007


471.4999,
486.4749, 500.3455

 57.0247, 57.6652,
55.8449

127.2113,
129.8483, 129.3453

 41.2653, 41.5396,
39.6754


159.4609,
163.1260, 163.5713

 28.7150, 28.7409,
26.9737


196.7463,
201.6527, 203.3577

 19.0085, 18.8849,
17.3212

239.4331,
245.8128, 249.1231

 11.7805, 11.5872,
10.2994

287.8864,
295.9906, 301.2860

 6.6655, 6.4632,
5.4897

342.4718,

 3.2983, 3.1287,

352.5707, 360.2650

2.4737

403.5545,
415.9373, 426.4787

■ 1.3134, 1.1993,
0.8261

■ 0.1932, 0.0611,
0.0000

■ 76.3586, 77.5023,
75.9007

■ 76.3586, 77.5023,
75.9007

■ 68.9904, 67.4443,
59.0199

■ 84.6795, 88.7144,
95.4119

■ 62.5335, 58.4932,
44.6514

■ 91.1186, 97.9733,
108.7160

■ 56.9529, 50.6133,
32.6754

■ 52.2088, 43.7634,
22.9603

■ 48.2579, 37.8992,
15.3617

■ 45.0529, 32.9731,
9.7184

■ 42.5407, 28.9333,
5.8455

■ 40.6598, 25.7220,
3.5217

■ 39.4833, 23.5827,
2.4709

Harmonies

Analogous

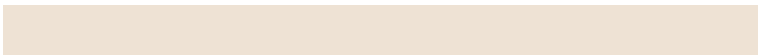
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5710, 77.5023, 80.6462



76.3586, 77.5023, 75.9007



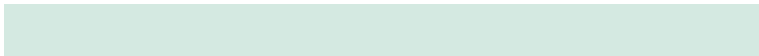
74.4381, 77.5023, 73.4712

Triad

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



76.3586, 77.5023, 75.9007



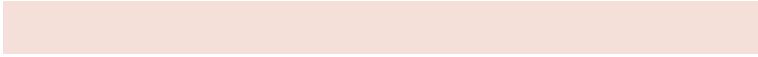
69.7465, 77.5023, 82.1956



74.9975, 77.5023, 95.8697

Complementary

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



76.3586, 77.5023, 75.9007



74.6433, 81.1200, 97.3125

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.



72.8945, 77.5023, 96.3333



76.3586, 77.5023, 75.9007



69.8897, 77.5023, 88.2414

Square

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



76.3586, 77.5023, 75.9007



70.6376, 77.5023, 76.9883



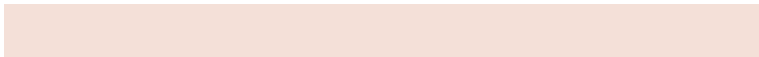
71.0328, 77.5023, 93.4830



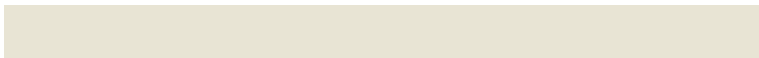
76.7748, 77.5023, 92.2448

Rectangle

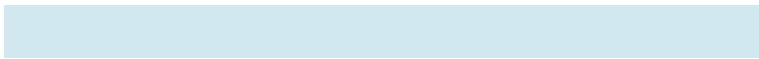
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3586, 77.5023, 75.9007



73.0265, 77.5023, 73.4100



71.0328, 77.5023, 93.4830



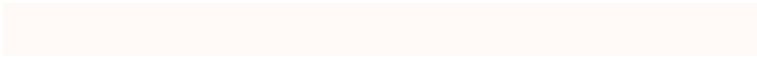
74.3044, 77.5023, 96.4067

Sweetspot

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



76.3607, 77.5057, 75.9024



92.1245, 96.0808, 101.9691



77.0151, 74.4060, 89.7113



19.5546, 20.3453, 21.4390



0.0000, 0.0000, 0.0000



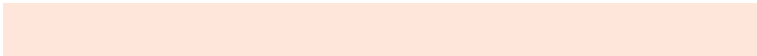
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3607, 77.5057, 75.9024



82.2251, 82.7091, 78.8558



80.2590, 85.3022, 77.2018



16.8849, 17.2540, 17.2380



21.5691, 13.0237, 1.3770



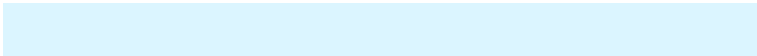
1.9798, 1.3128, 0.1491

Inverse Universe

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



74.6433, 81.1200, 97.3125



79.9440, 87.5071, 107.2848



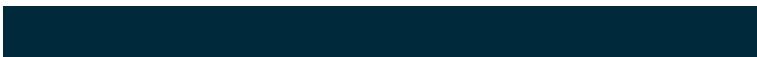
70.7881, 73.4097, 96.0274



16.5731, 17.9104, 21.1261



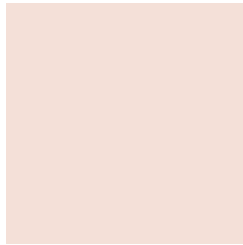
17.2576, 20.3089, 49.5485



1.6042, 1.9598, 4.3840

Previews

White Background



This preview shows how the XYZ color 76.3586, 77.5023, 75.9007 looks on a white background.

Color Contrast Check

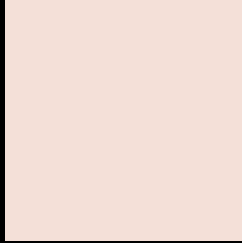
Large Text (above 18pt) WCAG AA × Fail

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 76.3586, 77.5023, 75.9007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

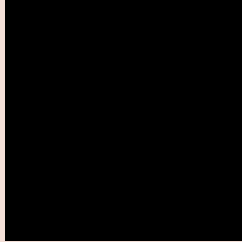
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

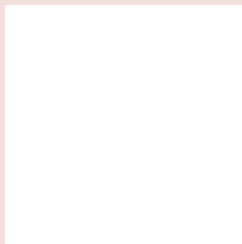
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3586, 77.5023, 75.9007

Background



This preview shows how black text looks on a background with the XYZ color 76.3586, 77.5023, 75.9007.



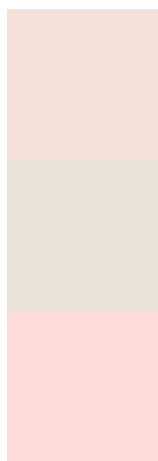
This preview shows how white text looks on a background with the XYZ color 76.3586, 77.5023,

75.9007.

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

76.3586, 77.5023, 75.9007

Protanopia

74.0557, 77.4926, 77.3841

Deuteranopia

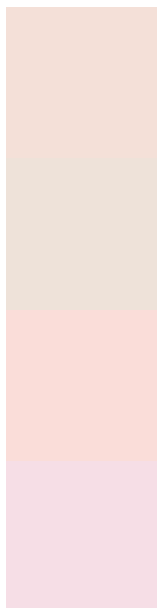
78.9906, 77.2670, 76.3964



Tritanopia

79.6468, 77.6601, 91.6810

Trichromacy



Original Color

76.3586, 77.5023, 75.9007

Protanomaly

74.9806, 77.5796, 76.6681

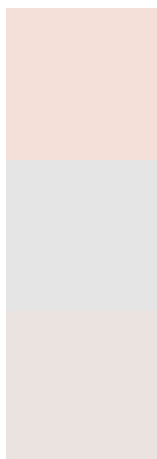
Deuteranomaly

77.8052, 77.0467, 76.4164

Tritanomaly

78.4102, 77.5486, 85.6986

Monochromacy



Original Color

76.3586, 77.5023, 75.9007

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8553, 77.8124, 81.5950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3586, 77.5023, 75.9007 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, 224, 216) looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 216)  
}
```

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, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.3586, 77.5023, 75.9007 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, 224, 216) }
```


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

```
.border{ border-color:rgb(244, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3586, 77.5023, 75.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 216) }
```

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

```
.background{ background-color: rgb(244,  
224, 216) }
```

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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