

Converting Colors

XYZ(76.0220, 77.1562, 75.9345)

Have a look what the booklet for
XYZ(76.0220, 77.1562, 75.9345)
contains.

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Color

**XYZ(76.0125, 77.3239,
75.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E0D8
RGB	243, 224, 216
RGB Percent	95%, 88%, 85%
CMY	0.0471, 0.1215, 0.1529
CMYK	0.00, 0.08, 0.11, 0.05
HSL	18°, 53%, 90%
HSV	18°, 11%, 95%
XYZ	76.0125, 77.3239, 75.8845
YIQ	228.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

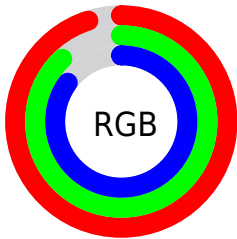
Format	Color
R_{YB}	243, 227, 216
Decimal	15982808
CIE Lab	90.47, 5.18, 6.25
CIE LCh	90, 8.118, 50.323
Yxy	77.3239, 0.3316, 0.3373
Android (android.graphics.Color)	4294172888 (0xFF3E0D8)
YUV	228.7690, -6.2951, 12.4806
Hunter-Lab	87.9340, 0.4156, 10.3883

Details

The XYZ color **76.0125, 77.3239, 75.8845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2046, 80.4851, 96.4190**, and the grayscale version is **74.3459, 78.2176, 85.1790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1145, 41.5139, 39.5642** is the 20% darker color. If you saturate the color by 10%, you get **68.7349, 67.4294, 59.0884**, and if you desaturate by 10%, it is **84.2211, 88.3351, 95.2848**.

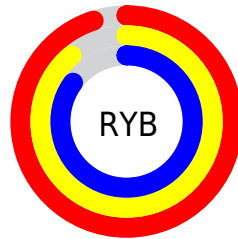
Distribution



Red (95%)

Green (88%)

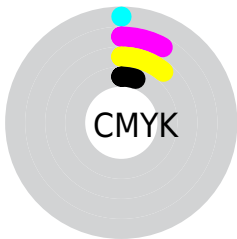
Blue (85%)



Red (95%)

Yellow (89%)

Blue (85%)

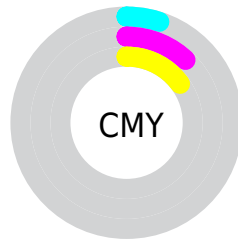


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (5%)



Cyan (5%)


Magenta (12%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0125, 77.3239, 75.8845 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 76.0125, 77.3239, 75.8845 by changing the saturation by 10% instead.


 76.0125, 77.3239,
75.8845

 76.0125, 77.3239,
75.8845


470.3342,
485.8677, 500.2885

 56.7398, 57.5188,
55.8317


126.7248,
129.5966, 129.3222

 41.0357, 41.4219,
39.6649


158.8952,
162.8329, 163.5442

 28.5348, 28.6489,
26.9656


196.0956,
201.3151, 203.3264

 18.8717, 18.8154,
17.3152

238.6913,
245.4276, 249.0873

 11.6811, 11.5369,
10.2951

287.0476,
295.5546, 301.2454

 6.5975, 6.4292,
5.4869

341.5300,

 3.2558, 3.1078,

352.0808, 360.2193

2.4720

402.5037,
415.3903, 426.4275

■ 1.2904, 1.1883,
0.8253

■ 0.1760, 0.0521,
0.0000

■ 76.0125, 77.3239,
75.8845

■ 76.0125, 77.3239,
75.8845

■ 68.7349, 67.4294,
59.0884

■ 84.2211, 88.3351,
95.2848

■ 62.3479, 58.6060,
44.7801

■ 90.7725, 97.7949,
108.6998

■ 56.8176, 50.8201,
32.8415

■ 52.1054, 44.0321,
23.1430

■ 48.1695, 38.2002,
15.5425

■ 44.9640, 33.2790,
9.8813

■ 42.4376, 29.2192,
5.9777

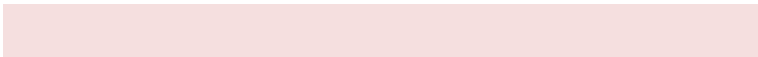
■ 40.5309, 25.9661,
3.6148

■ 39.2825, 23.6948,
2.5031

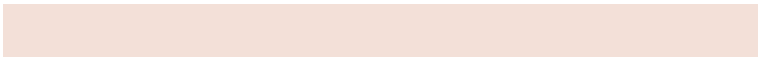
Harmonies

Analogous

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



77.2126, 77.3239, 80.3722



76.0125, 77.3239, 75.8845



74.1516, 77.3239, 73.6542

Triad

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



76.0125, 77.3239, 75.8845



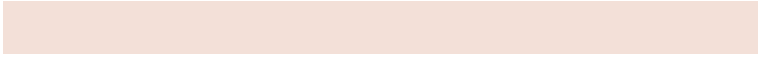
69.7158, 77.3239, 82.3289



74.8571, 77.3239, 95.1080

Complementary

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



76.0125, 77.3239, 75.8845



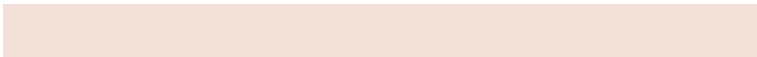
74.2046, 80.4851, 96.4190

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.



72.8404, 77.3239, 95.6911



76.0125, 77.3239, 75.8845



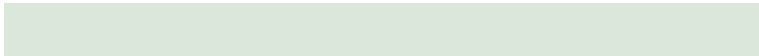
69.8968, 77.3239, 88.1321

Square

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



76.0125, 77.3239, 75.8845



70.5328, 77.3239, 77.2603



71.0318, 77.3239, 93.0860



76.5371, 77.3239, 91.5277

Rectangle

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



76.0125, 77.3239, 75.8845



72.7973, 77.3239, 73.6742



71.0318, 77.3239, 93.0860



74.1952, 77.3239, 95.6673

Sweetspot

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



76.0146, 77.3273, 75.8861



92.1496, 96.1310, 101.9775



76.5650, 74.1859, 89.1475



19.5614, 20.3588, 21.4412



0.0000, 0.0000, 0.0000



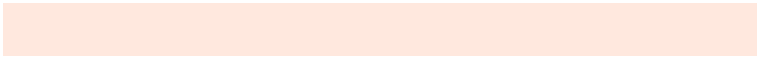
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0146, 77.3273, 75.8861



83.1707, 84.0578, 80.8431



79.6854, 84.6688, 77.1097



16.8995, 17.2831, 17.2428



21.6612, 13.2080, 1.4077



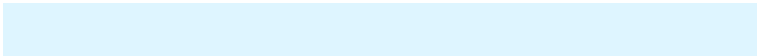
1.9895, 1.3322, 0.1523

Inverse Universe

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



74.2046, 80.4851, 96.4190



80.8328, 88.1351, 107.3592



70.5791, 73.2340, 95.2105



16.5577, 17.8796, 21.1210



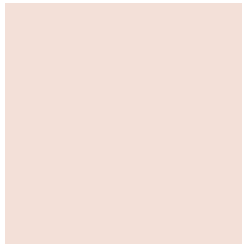
16.9903, 19.7745, 49.4594



1.5824, 1.9162, 4.3767

Previews

White Background



This preview shows how the XYZ color 76.0125, 77.3239, 75.8845 looks on a white background.

Color Contrast Check

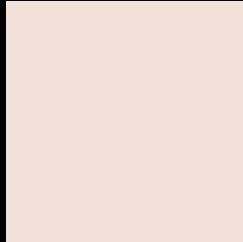
Large Text (above 18pt) WCAG AA × Fail

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 76.0125, 77.3239, 75.8845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

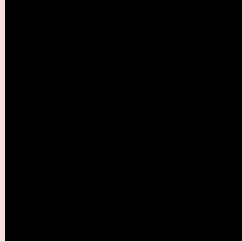
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

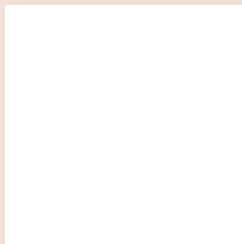
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0125, 77.3239, 75.8845

Background



This preview shows how black text looks on a background with the XYZ color 76.0125, 77.3239, 75.8845.



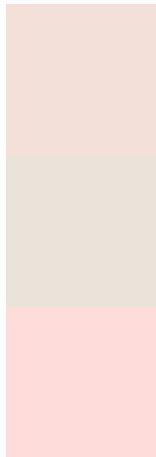
This preview shows how white text looks on a background with the XYZ color 76.0125, 77.3239,

75.8845.

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

76.0125, 77.3239, 75.8845

Protanopia

74.0557, 77.4926, 77.3841

Deuteranopia

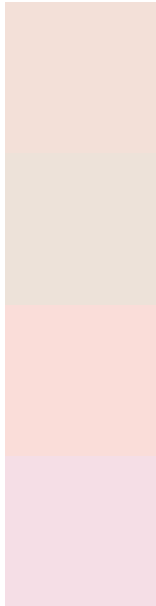
78.9906, 77.2670, 76.3964



Tritanopia

79.2951, 77.4788, 91.6645

Trichromacy



Original Color

76.0125, 77.3239, 75.8845

Protanomaly

74.6458, 77.4070, 76.6524

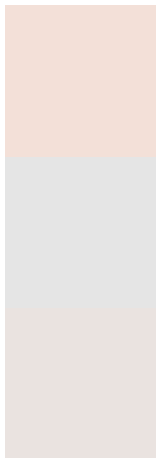
Deuteranomaly

77.8052, 77.0467, 76.4164

Tritanomaly

78.0604, 77.3682, 85.6822

Monochromacy



Original Color

76.0125, 77.3239, 75.8845

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 76.0125, 77.3239, 75.8845 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, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.0125, 77.3239, 75.8845 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, 224, 216) }
```


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

```
.border{ border-color:rgb(243, 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(243, 224, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0125, 77.3239, 75.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 216) }
```

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

```
.background{ background-color: rgb(243,  
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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