

Converting Colors

XYZ(77.2008, 81.7854, 70.6401)

Have a look what the booklet for
XYZ(77.2008, 81.7854, 70.6401)
contains.

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Color

**XYZ(77.3635, 81.8375,
70.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E9CF
RGB	243, 233, 207
RGB Percent	95%, 91%, 81%
CMY	0.0471, 0.0863, 0.1882
CMYK	0.00, 0.04, 0.15, 0.05
HSL	43°, 60%, 88%
HSV	43°, 15%, 95%
XYZ	77.3635, 81.8375, 70.7502
YIQ	233.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

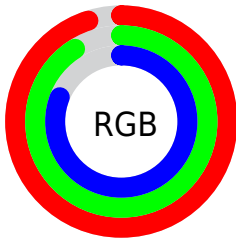
Format	Color
R _Y B	221, 243, 207
Decimal	15985103
CIE Lab	92.50, -0.84, 13.85
CIE LCh	93, 13.872, 93.490
Yxy	81.8375, 0.3364, 0.3559
Android (android.graphics.Color)	4294175183 (0xFFFF3E9CF)
YUV	233.0260, -12.8308, 8.7472
Hunter-Lab	90.4641, -5.6617, 16.9553

Details

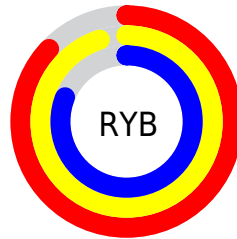
The XYZ color **77.3635, 81.8375, 70.7502** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.7223, 69.3606, 94.6659**, and the grayscale version is **77.5595, 81.5987, 88.8609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9654, 44.3090, 36.4777** is the 20% darker color. If you saturate the color by 10%, you get **72.7456, 76.9952, 55.6646**, and if you desaturate by 10%, it is **82.5162, 87.0160, 88.2717**.

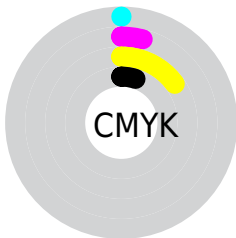
Distribution



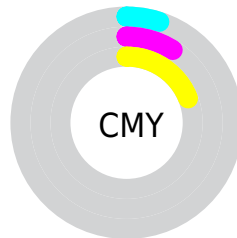
- Red (95%)
- Green (91%)
- Blue (81%)



- Red (87%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3635, 81.8375, 70.7502 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 77.3635, 81.8375, 70.7502 by changing the saturation by 10% instead.

77.3635, 81.8375,
70.7502

77.3635, 81.8375,
70.7502

474.8754,
501.1040, 482.0398

57.8522, 61.2316,
51.6578

128.6226,
135.9461, 121.9691

41.9327, 44.4121,
36.3520

161.1011,
170.2176, 154.9327

29.2394, 30.9946,
24.4143

198.6328,
209.8131, 193.3570

19.4072, 20.5947,
15.4262

241.5829,
255.1169, 237.6608

12.0706, 12.8281,
8.9691

290.3169,
306.5135, 288.2624

6.8643, 7.3103,
4.6245

345.2001,

3.4230, 3.6569,

364.3873, 345.5804

1.9738

406.5978,
429.1227, 410.0333

■ 1.3812, 1.4835,
0.5391

■ 0.2428, 0.2771,
0.0000

■ 77.3635, 81.8375,
70.7502

■ 77.3635, 81.8375,
70.7502

■ 72.7456, 76.9952,
55.6646

■ 82.5162, 87.0160,
88.2717

■ 68.6341, 72.4683,
42.8997

■ 88.1202, 92.4905,
107.8158

■ 65.0080, 68.2498,
32.3387

■ 90.2153, 96.6807,
108.5141

■ 61.8421, 64.3283,
23.8524

■ 90.7724, 97.7948,
108.6998

■ 59.1083, 60.6912,
17.2984

■ 56.7755, 57.3247,
12.5158

■ 54.8073, 54.2128,
9.3176

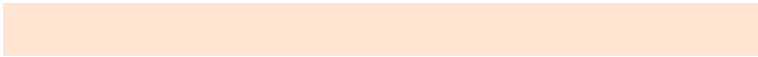
■ 53.1592, 51.3363,
7.4745

■ 52.3966, 49.9232,
6.8745

Harmonies

Analogous

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



80.9145, 81.8375, 72.5203



77.3635, 81.8375, 70.7502



74.0272, 81.8375, 73.5772

Triad

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



77.3635, 81.8375, 70.7502



72.1535, 81.8375, 100.4984



84.1435, 81.8375, 98.2507

Complementary

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



77.3635, 81.8375, 70.7502



66.7223, 69.3606, 94.6659

Split Complementary

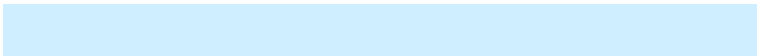
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6660, 81.8375, 106.6816



77.3635, 81.8375, 70.7502



74.7355, 81.8375, 108.0479

Square

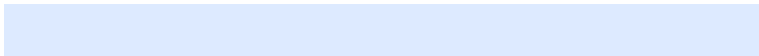
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3635, 81.8375, 70.7502



71.0782, 81.8375, 90.3193



78.2062, 81.8375, 110.3928



84.8990, 81.8375, 87.9059

Rectangle

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



77.3635, 81.8375, 70.7502



72.3527, 81.8375, 77.8265



78.2062, 81.8375, 110.3928



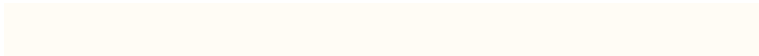
83.4807, 81.8375, 101.4283

Sweetspot

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



77.3657, 81.8411, 70.7519



92.5541, 97.5668, 100.1804



71.8263, 68.7016, 75.2582



19.7123, 20.7868, 21.1027



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.



77.3657, 81.8411, 70.7519



84.5895, 89.5254, 73.2083



77.6408, 86.3031, 71.5987



17.5030, 18.4902, 17.4440



28.8760, 27.6377, 3.8127



2.6240, 2.6012, 0.3638

Inverse Universe

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



66.7223, 69.3606, 94.6659



70.4526, 72.9494, 104.9751



66.4571, 65.5147, 93.9375



15.9556, 16.6756, 20.9203



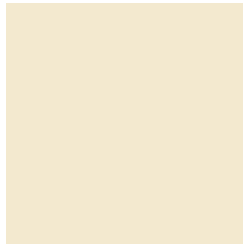
10.0927, 5.9793, 47.1602



0.9699, 0.6912, 4.1725

Previews

White Background



This preview shows how the XYZ color 77.3635, 81.8375, 70.7502 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 77.3635, 81.8375, 70.7502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

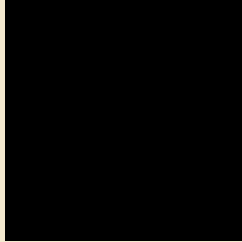
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

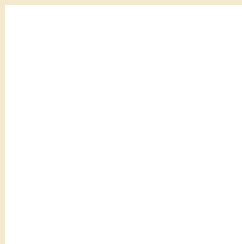
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3635, 81.8375, 70.7502

Background



This preview shows how black text looks on a background with the XYZ color 77.3635, 81.8375, 70.7502.

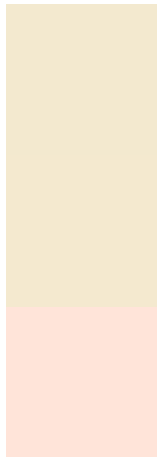


This preview shows how white text looks on a background with the XYZ color 77.3635, 81.8375,

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

77.3635, 81.8375, 70.7502

Protanopia

77.7096, 82.0159, 70.7664

Deuteranopia

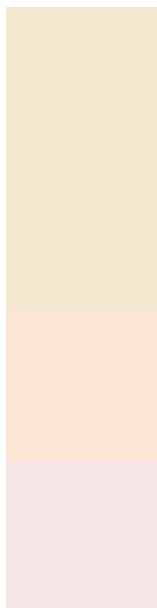
81.5078, 81.7566, 77.1303



Tritanopia

82.6619, 81.4872, 97.7581

Trichromacy



Original Color

77.3635, 81.8375, 70.7502

Protanomaly

77.7096, 82.0159, 70.7664

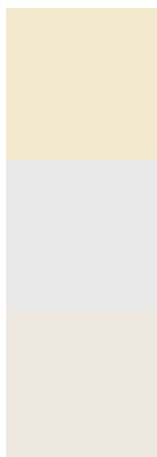
Deuteranomaly

80.0907, 81.9070, 74.5392

Tritanomaly

80.4492, 81.4010, 87.0731

Monochromacy



Original Color

77.3635, 81.8375, 70.7502

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5185, 81.6642, 82.1981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3635, 81.8375, 70.7502 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, 233, 207)` looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 207)  
}
```

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, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 207) }
```

Border

The CSS property to change the border of an element to XYZ 77.3635, 81.8375, 70.7502 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, 233, 207) }
```


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

```
.border{ border-color:rgb(243, 233, 207) }
```

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

Here you see how a box with a 4 pixel rgb(243, 233, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 233, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 233, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 233,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3635, 81.8375, 70.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 207) }
```

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

```
.background{ background-color: rgb(243,  
233, 207) }
```

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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