

Converting Colors

XYZ(77.4700, 80.4522, 81.2019)

Have a look what the booklet for
XYZ(77.4700, 80.4522, 81.2019)
contains.

XYZ(77.5513, 80.4466, 81.2524)	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(77.5513, 80.4466,
81.2524)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E6DF
RGB	240, 230, 223
RGB Percent	94%, 90%, 87%
CMY	0.0588, 0.0980, 0.1255
CMYK	0.00, 0.04, 0.07, 0.06
HSL	25°, 36%, 91%
HSV	25°, 7%, 94%
XYZ	77.5513, 80.4466, 81.2524
YIQ	232.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

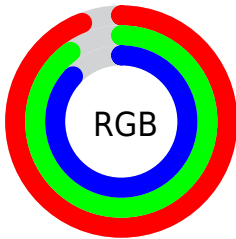
Format	Color
R _Y B	240, 235, 223
Decimal	15787743
CIE Lab	91.88, 2.20, 4.60
CIE LCh	92, 5.099, 64.467
Yxy	80.4466, 0.3241, 0.3362
Android (android.graphics.Color)	4293977823 (0xFFFF0E6DF)
YUV	232.1920, -4.5317, 6.8476
Hunter-Lab	89.6920, -2.6228, 9.0734

Details

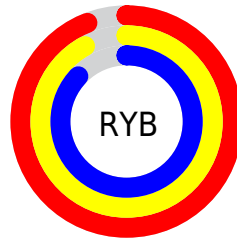
The XYZ color **77.5513, 80.4466, 81.2524** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.2984, 80.2559, 93.9614**, and the grayscale version is **76.8760, 80.8795, 88.0778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1650, 43.6774, 43.2540** is the 20% darker color. If you saturate the color by 10%, you get **70.7733, 71.7065, 64.1444**, and if you desaturate by 10%, it is **85.1105, 90.0131, 100.8856**.

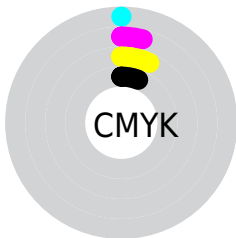
Distribution



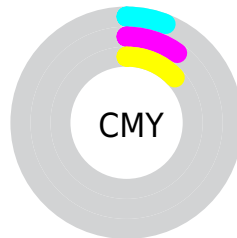
- Red (94%)
- Green (90%)
- Blue (87%)



- Red (94%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5513, 80.4466, 81.2524 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 77.5513, 80.4466, 81.2524 by changing the saturation by 10% instead.

77.5513, 80.4466,
81.2524

77.5513, 80.4466,
81.2524

475.5048,
496.4366, 518.9612

58.0070, 60.0859,
60.2173

128.8861,
133.9934, 136.9524

42.0575, 43.4879,
43.1673

161.4073,
167.9484, 172.4543

29.3376, 30.2681,
29.6841

198.9848,
207.2036, 213.6156

19.4820, 20.0422,
19.3489

241.9840,
252.1434, 260.8548

12.1251, 12.4257,
11.7433

290.7703,
303.1522, 314.5904

6.9017, 7.0343,
6.4487

345.7089,

3.4465, 3.4836,

360.6144, 375.2410

3.0466

407.1653,
424.9144, 443.2250

■ 1.3940, 1.3891,
1.1185

■ 0.2520, 0.2087,
0.0000

■ 77.5513, 80.4466,
81.2524

■ 77.5513, 80.4466,
81.2524

■ 70.7733, 71.7065,
64.1444

■ 85.1105, 90.0131,
100.8856

■ 64.7431, 63.7596,
49.4527

■ 89.7456, 97.2655,
108.6518

■ 59.4345, 56.5857,
37.0683

■ 54.8174, 50.1597,
26.8717

■ 50.8590, 44.4550,
18.7323

■ 47.5236, 39.4434,
12.5059

■ 44.7716, 35.0940,
8.0286

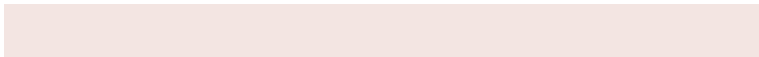
■ 42.5572, 31.3730,
5.1089

■ 40.8242, 28.2413,
3.5005

Harmonies

Analogous

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



78.5545, 80.4466, 83.5790



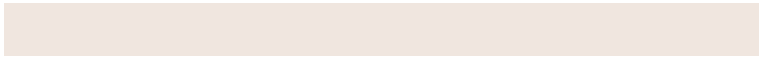
77.5513, 80.4466, 81.2524



76.2663, 80.4466, 80.6058

Triad

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



77.5513, 80.4466, 81.2524



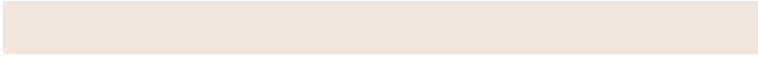
73.9819, 80.4466, 88.1549



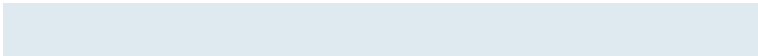
77.8943, 80.4466, 93.6665

Complementary

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



77.5513, 80.4466, 81.2524



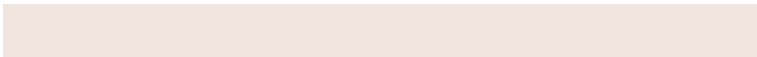
75.2984, 80.2559, 93.9614

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.



76.6582, 80.4466, 94.9720



77.5513, 80.4466, 81.2524



74.4072, 80.4466, 91.7328

Square

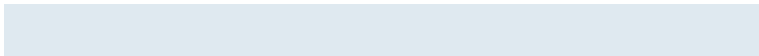
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5513, 80.4466, 81.2524



74.2149, 80.4466, 84.5245



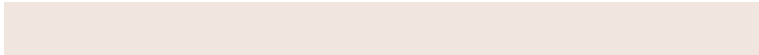
75.3831, 80.4466, 94.2545



78.7541, 80.4466, 90.7342

Rectangle

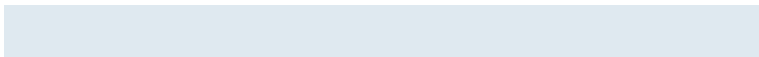
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5513, 80.4466, 81.2524



75.4251, 80.4466, 81.1986



75.3831, 80.4466, 94.2545



77.5085, 80.4466, 94.3139

Sweetspot

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



77.5535, 80.4501, 81.2541



93.2904, 97.7775, 104.3163



77.0605, 77.1965, 88.0806



19.9865, 20.9518, 22.3760



0.0000, 0.0000, 0.0000



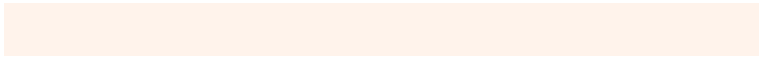
20.3446, 21.4041, 23.3091

Same Dimension

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



77.5535, 80.4501, 81.2541



88.2298, 91.3393, 91.2746



79.9175, 85.1780, 82.0421



16.3077, 16.8285, 16.5384



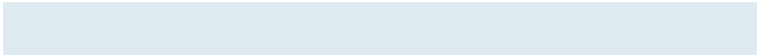
22.2316, 15.2612, 1.7740



1.9451, 1.4610, 0.1795

Inverse Universe

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



75.2984, 80.2559, 93.9614



85.3160, 91.0882, 107.6929



73.0049, 75.6688, 93.1969



15.6697, 16.7735, 20.1333



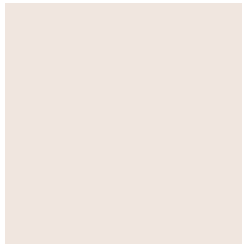
13.9676, 14.1595, 47.1248



1.2597, 1.3734, 3.9529

Previews

White Background



This preview shows how the XYZ color 77.5513, 80.4466, 81.2524 looks on a white background.

Color Contrast Check

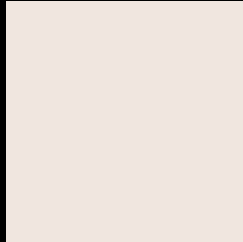
Large Text (above 18pt) WCAG AA × Fail

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 77.5513, 80.4466, 81.2524 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

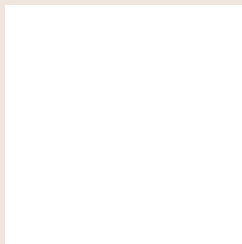
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.5513, 80.4466, 81.2524

Background



This preview shows how black text looks on a background with the XYZ color 77.5513, 80.4466, 81.2524.



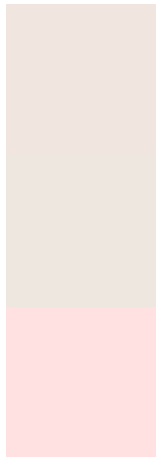
This preview shows how white text looks on a background with the XYZ color 77.5513, 80.4466,

81.2524.

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

77.5513, 80.4466, 81.2524

Protanopia

77.1551, 80.6567, 81.3138

Deuteranopia

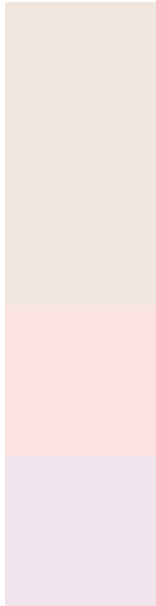
81.7558, 80.5467, 82.4722



Tritanopia

80.9127, 80.5854, 97.6762

Trichromacy



Original Color

77.5513, 80.4466, 81.2524

Protanomaly

77.4918, 80.8303, 81.3296

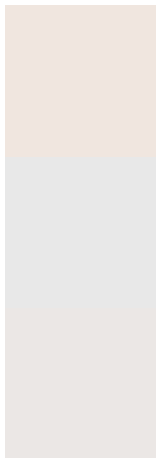
Deuteranomaly

80.3480, 80.6440, 81.8521

Tritanomaly

79.6474, 80.4785, 91.4568

Monochromacy



Original Color

77.5513, 80.4466, 81.2524

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.9797, 80.4711, 85.6040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5513, 80.4466, 81.2524 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(240, 230, 223) looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 223)  
}
```

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(240, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 223) }
```

Border

The CSS property to change the border of an element to XYZ 77.5513, 80.4466, 81.2524 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(240, 230, 223) }
```


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

```
.border{ border-color:rgb(240, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5513, 80.4466, 81.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 223) }
```

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

```
.background{ background-color: rgb(240,  
230, 223) }
```

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