

Converting Colors

XYZ(81.3280, 85.2715, 80.9412)

Have a look what the booklet for
XYZ(81.3280, 85.2715, 80.9412)
contains.

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Color

**XYZ(81.4750, 85.4351,
81.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EDDE
RGB	246, 237, 222
RGB Percent	96%, 93%, 87%
CMY	0.0353, 0.0706, 0.1294
CMYK	0.00, 0.04, 0.10, 0.04
HSL	38°, 57%, 92%
HSV	38°, 10%, 96%
XYZ	81.4750, 85.4351, 81.3037
YIQ	237.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

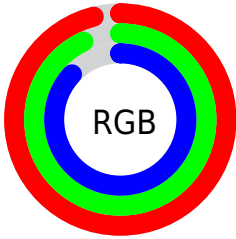
Format	Color
R _Y B	236, 246, 222
Decimal	16182750
CIE Lab	94.07, 0.53, 8.33
CIE LCh	94, 8.347, 86.372
Yxy	85.4351, 0.3282, 0.3442
Android (android.graphics.Color)	4294372830 (0xFFFF6EDDE)
YUV	237.9810, -7.8786, 7.0327
Hunter-Lab	92.4311, -4.4125, 12.5495

Details

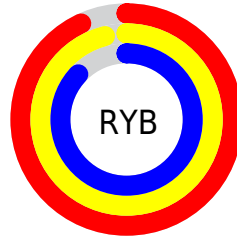
The XYZ color **81.4750, 85.4351, 81.3037** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3345, 79.3338, 98.5320**, and the grayscale version is **81.3088, 85.5432, 93.1566**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7341, 46.7849, 43.2319** is the 20% darker color. If you saturate the color by 10%, you get **75.8150, 79.0116, 64.3199**, and if you desaturate by 10%, it is **87.7581, 92.3331, 100.8707**.

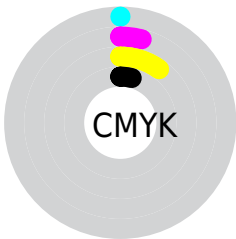
Distribution



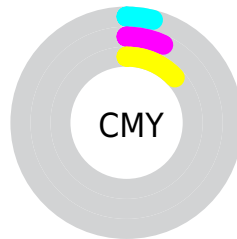
- Red (96%)
- Green (93%)
- Blue (87%)



- Red (93%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4750, 85.4351, 81.3037 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 81.4750, 85.4351, 81.3037 by changing the saturation by 10% instead.


 81.4750, 85.4351,
81.3037

 81.4750, 85.4351,
81.3037


488.5511,
513.0667, 519.1378

 61.2455, 64.2010,
60.2593

134.3772,
140.9809, 137.0250

 44.6766, 46.8135,
43.2010


167.7806,
176.0614, 172.5390

 31.4030, 32.8882,
29.7103


206.3061,
216.5261, 213.7133

 21.0592, 22.0408,
19.3686

250.3189,
262.7594, 260.9664

 13.2800, 13.8869,
11.7574

300.1844,
315.1457, 314.7169

 7.7000, 8.0420,
6.4582

356.2681,

 3.9538, 4.1219,

374.0694, 375.3832

3.0524

418.9352,
439.9150, 443.3840

■ 1.6760, 1.7420,
1.1214

■ 0.4412, 0.4506,
0.0000

■ 81.4750, 85.4351,
81.3037

■ 81.4750, 85.4351,
81.3037

■ 75.8150, 79.0116,
64.3199

■ 87.7581, 92.3331,
100.8707

■ 70.7483, 73.0390,
49.8037

■ 91.8164, 98.3330,
108.7487

■ 66.2529, 67.5080,
37.6391

■ 62.3025, 62.4046,
27.6985

■ 58.8686, 57.7139,
19.8419

■ 55.9194, 53.4196,
13.9134

■ 53.4188, 49.5036,
9.7348

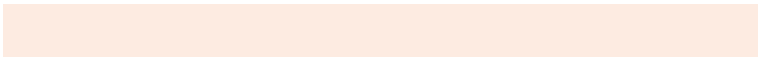
■ 51.3246, 45.9451,
7.0943

■ 49.5692, 42.7133,
5.6492

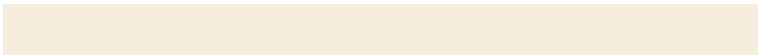
Harmonies

Analogous

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



83.6003, 85.4351, 83.1732



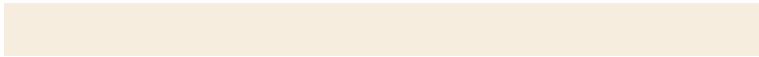
81.4750, 85.4351, 81.3037



79.3144, 85.4351, 82.4544

Triad

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



81.4750, 85.4351, 81.3037



77.4237, 85.4351, 98.5841



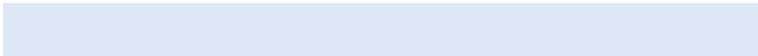
84.8249, 85.4351, 99.9891

Complementary

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



81.4750, 85.4351, 81.3037



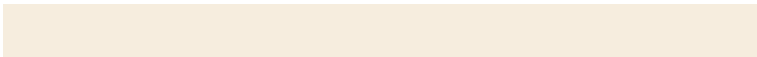
75.3345, 79.3338, 98.5320

Split Complementary

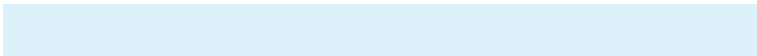
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1223, 85.4351, 104.4610



81.4750, 85.4351, 81.3037



78.8529, 85.4351, 103.6241

Square

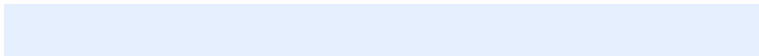
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4750, 85.4351, 81.3037



77.0006, 85.4351, 92.2498



80.9326, 85.4351, 105.8204



85.5566, 85.4351, 93.8032

Rectangle

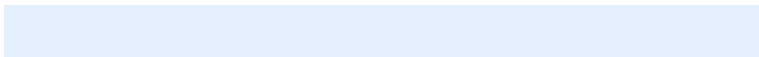
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4750, 85.4351, 81.3037



78.1404, 85.4351, 84.8093



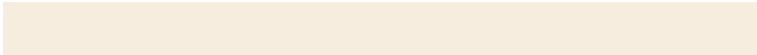
80.9326, 85.4351, 105.8204



84.3456, 85.4351, 101.7534

Sweetspot

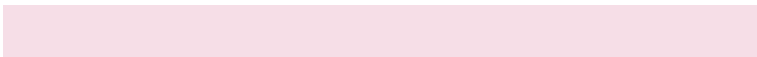
The Sweet Spot groups the original color and five complimentary colors.



81.4773, 85.4388, 81.3055



92.9347, 97.7012, 102.2392



78.5804, 77.6174, 86.5906



19.7731, 20.7823, 21.5118



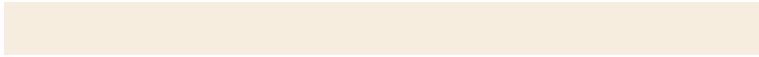
0.0000, 0.0000, 0.0000



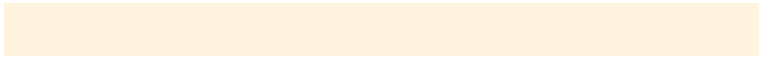
20.3446, 21.4041, 23.3091

Same Dimension

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



81.4773, 85.4388, 81.3055



86.9586, 91.0830, 83.8033



83.1727, 90.2766, 82.1500



17.3624, 18.2088, 17.3971



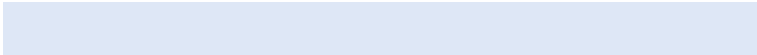
26.5754, 23.0364, 3.0458



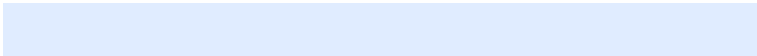
2.4342, 2.2217, 0.3005

Inverse Universe

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



75.3345, 79.3338, 98.5320



78.8724, 83.0468, 106.4804



73.7460, 74.8731, 97.7547



16.0900, 16.9443, 20.9651



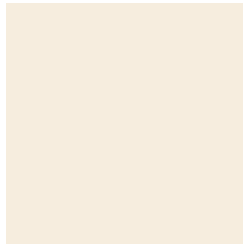
11.0547, 7.9032, 47.4808



1.0669, 0.8853, 4.2049

Previews

White Background



This preview shows how the XYZ color 81.4750, 85.4351, 81.3037 looks on a white background.

Color Contrast Check

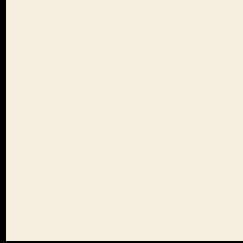
Large Text (above 18pt) WCAG AA × Fail

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 81.4750, 85.4351, 81.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

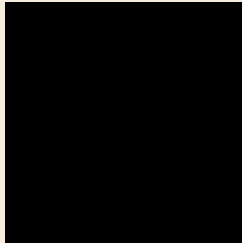
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4750, 85.4351, 81.3037

Background



This preview shows how black text looks on a background with the XYZ color 81.4750, 85.4351, 81.3037.

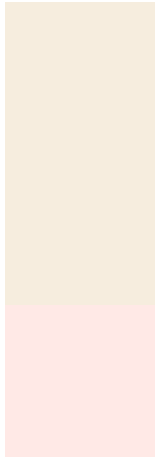


This preview shows how white text looks on a background with the XYZ color 81.4750, 85.4351,

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

81.4750, 85.4351, 81.3037

Protanopia

81.4750, 85.4351, 81.3037

Deuteranopia

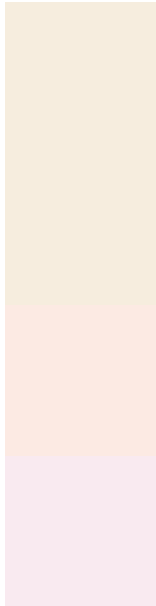
84.6618, 85.2510, 86.8558



Tritanopia

85.9758, 85.5669, 103.2514

Trichromacy



Original Color

81.4750, 85.4351, 81.3037

Protanomaly

81.4750, 85.4351, 81.3037

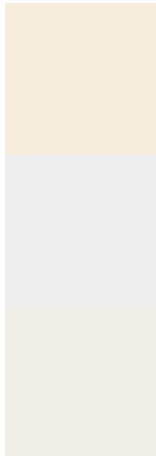
Deuteranomaly

83.4328, 85.0871, 84.6991

Tritanomaly

84.2179, 85.2766, 94.4594

Monochromacy



Original Color

81.4750, 85.4351, 81.3037

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.4157, 85.6760, 88.5900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4750, 85.4351, 81.3037 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(246, 237, 222) looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 222)  
}
```

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(246, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 222) }
```

Border

The CSS property to change the border of an element to XYZ 81.4750, 85.4351, 81.3037 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(246, 237, 222) }
```


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

```
.border{ border-color:rgb(246, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4750, 85.4351, 81.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 222) }
```

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

```
.background{ background-color: rgb(246,  
237, 222) }
```

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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