

Converting Colors

XYZ(122.0221, 107.6316,
83.0814)

Have a look what the booklet for
XYZ(122.0221, 107.6316, 83.0814)
contains.

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Color

**XYZ(85.4512, 88.8006,
81.0431)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0DD
RGB	255, 240, 221
RGB Percent	100%, 94%, 87%
CMY	0.0000, 0.0588, 0.1333
CMYK	0.00, 0.06, 0.13, 0.00
HSL	34°, 100%, 93%
HSV	34°, 13%, 100%
XYZ	85.4512, 88.8006, 81.0431
YIQ	242.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

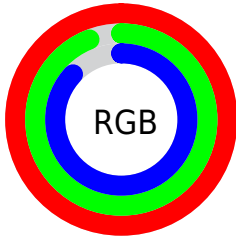
Format	Color
R _Y B	248, 255, 221
Decimal	16773341
CIE Lab	95.50, 1.98, 10.98
CIE LCh	95, 11.162, 79.769
Yxy	88.8006, 0.3347, 0.3478
Android (android.graphics.Color)	4294963421 (0xFFFFF0DD)
YUV	242.3190, -10.5103, 11.1212
Hunter-Lab	94.2341, -3.0463, 14.9733

Details

The XYZ color **85.4512, 88.8006, 81.0431** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.8636, 82.5809, 106.4436**, and the grayscale version is **84.7249, 89.1372, 97.0704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3121, 49.0399, 43.0484** is the 20% darker color. If you saturate the color by 10%, you get **79.1002, 81.1289, 63.4182**, and if you desaturate by 10%, it is **92.5277, 97.0967, 101.4580**.

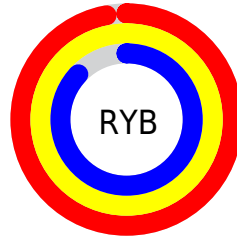
Distribution



Red (100%)

Green (94%)

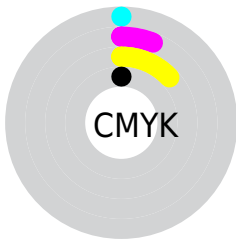
Blue (87%)



Red (97%)

Yellow (100%)

Blue (87%)

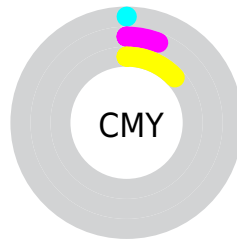


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4512, 88.8006, 81.0431 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 85.4512, 88.8006, 81.0431 by changing the saturation by 10% instead.


 85.4512, 88.8006,
81.0431

 85.4512, 88.8006,
81.0431


501.5811,
524.1215, 518.2404

 64.5380, 66.9863,
60.0459

139.9142,
145.6712, 136.6559

 47.3499, 49.0735,
43.0301


174.1947,
181.4964, 172.1086

 33.5214, 34.6778,
29.5771


213.6616,
222.7606, 213.2168

 22.6873, 23.4148,
19.2685

258.6804,
269.8483, 260.3992

 14.4822, 14.9001,
11.6857

309.6164,
323.1438, 314.0741

 8.5408, 8.7493,
6.4101

366.8350,

 4.4976, 4.5780,

383.0316, 374.6603

3.0232

430.7014,
449.8960, 442.5762

■ 1.9873, 2.0019,
1.1065

■ 0.6268, 0.6086,
0.0000

■ 85.4512, 88.8006,
81.0431

■ 85.4512, 88.8006,
81.0431

■ 79.1002, 81.1289,
63.4182

■ 92.5277, 97.0967,
101.4580

■ 73.4415, 74.0536,
48.4541

95.0500, 100.0000,
108.9000

■ 68.4484, 67.5609,
36.0200

■ 64.0900, 61.6321,
25.9716

■ 60.3321, 56.2473,
18.1498

■ 57.1371, 51.3847,
12.3759

■ 54.4616, 47.0200,
8.4432

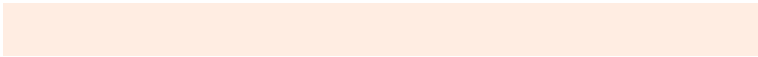
■ 52.2537, 43.1254,
6.1004

■ 50.9936, 40.7671,
5.1812

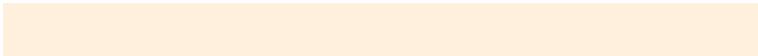
Harmonies

Analogous

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



88.2579, 88.8006, 84.3920



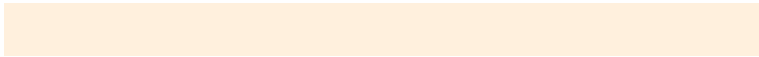
85.4512, 88.8006, 81.0431



82.4288, 88.8006, 81.6891

Triad

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



85.4512, 88.8006, 81.0431



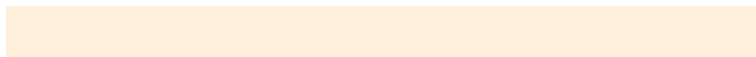
78.9881, 88.8006, 102.4979



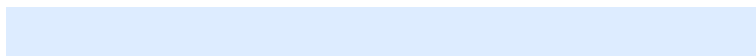
88.9721, 88.8006, 107.9800

Complementary

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



85.4512, 88.8006, 81.0431



77.8636, 82.5809, 106.4436

Split Complementary

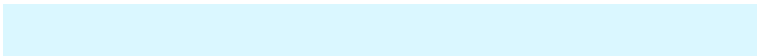
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4070, 88.8006, 113.4205



85.4512, 88.8006, 81.0431



80.6607, 88.8006, 110.1255

Square

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



85.4512, 88.8006, 81.0431



78.7462, 88.8006, 93.7279



83.3620, 88.8006, 114.2286



90.3230, 88.8006, 99.7113

Rectangle

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



85.4512, 88.8006, 81.0431



80.6959, 88.8006, 84.3122



83.3620, 88.8006, 114.2286



88.2204, 88.8006, 110.2208

Sweetspot

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



85.4533, 88.8044, 81.0450



92.0326, 96.5237, 100.0065



82.2810, 79.0475, 90.5074



19.5802, 20.5225, 21.0586



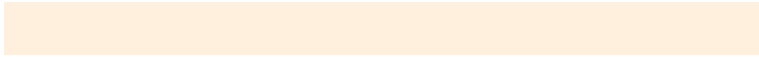
0.0000, 0.0000, 0.0000



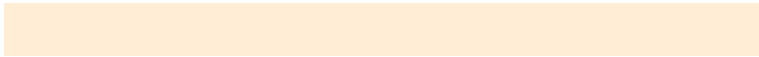
20.3446, 21.4041, 23.3091

Same Dimension

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



85.4533, 88.8044, 81.0450



83.6892, 86.6974, 76.0757



89.4287, 97.6796, 82.5485



18.8516, 19.6715, 18.9477



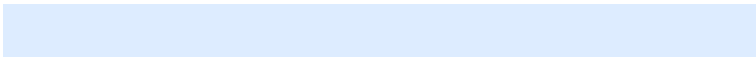
26.7966, 21.6044, 2.7577



2.7180, 2.3214, 0.3048

Inverse Universe

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



77.8636, 82.5809, 106.4436



74.7511, 79.3685, 105.9876



74.2465, 74.5745, 105.0888



17.6623, 18.6961, 22.9278



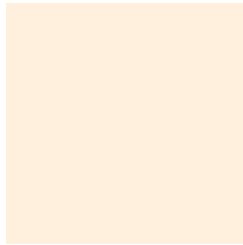
12.6287, 10.1669, 50.7314



1.3363, 1.2033, 4.9751

Previews

White Background



This preview shows how the XYZ color 85.4512, 88.8006, 81.0431 looks on a white background.

Color Contrast Check

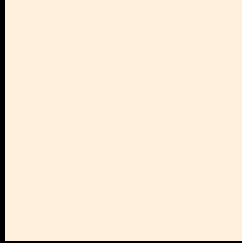
Large Text (above 18pt) WCAG AA × Fail

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 85.4512, 88.8006, 81.0431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

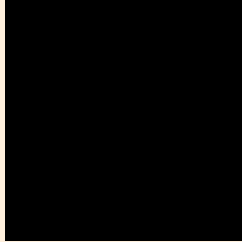
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.4512, 88.8006, 81.0431

Background



This preview shows how black text looks on a background with the XYZ color 85.4512, 88.8006, 81.0431.



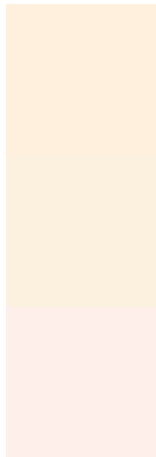
This preview shows how white text looks on a background with the XYZ color 85.4512, 88.8006,

81.0431.

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

85.4512, 88.8006, 81.0431

Protanopia

84.4238, 88.6937, 81.7772

Deuteranopia

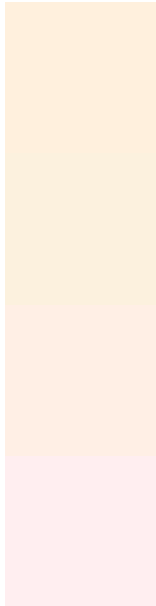
86.9578, 88.9335, 90.4246



Tritanopia

88.9368, 88.7934, 103.7182

Trichromacy



Original Color

85.4512, 88.8006, 81.0431

Protanomaly

84.7850, 88.8800, 81.7941

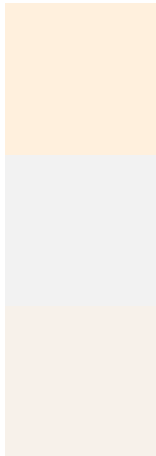
Deuteranomaly

86.2494, 88.6501, 86.6941

Tritanomaly

87.5427, 88.7003, 94.9450

Monochromacy



Original Color

85.4512, 88.8006, 81.0431

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6644, 88.6253, 90.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4512, 88.8006, 81.0431 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(255, 240, 221) looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 221)  
}
```

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(255, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 221) }
```

Border

The CSS property to change the border of an element to XYZ 85.4512, 88.8006, 81.0431 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(255, 240, 221) }
```


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

```
.border{ border-color:rgb(255, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4512, 88.8006, 81.0431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 221) }
```

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

```
.background{ background-color: rgb(255,  
240, 221) }
```

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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