

Converting Colors

XYZ(93.6969, 90.9376, 73.7320)

Have a look what the booklet for
XYZ(93.6969, 90.9376, 73.7320)
contains.

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Color

**XYZ(82.5812, 85.3298,
73.0906)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEBD2
RGB	255, 235, 210
RGB Percent	100%, 92%, 82%
CMY	0.0000, 0.0784, 0.1765
CMYK	0.00, 0.08, 0.18, 0.00
HSL	33°, 100%, 91%
HSV	33°, 18%, 100%
XYZ	82.5812, 85.3298, 73.0906
YIQ	238.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

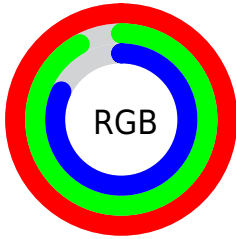
Format	Color
R _Y B	246, 255, 210
Decimal	16772050
CIE Lab	94.03, 2.86, 14.58
CIE LCh	94, 14.859, 78.890
Yxy	85.3298, 0.3427, 0.3541
Android (android.graphics.Color)	4294962130 (0xFFFFEBD2)
YUV	238.1300, -13.8681, 14.7950
Hunter-Lab	92.3741, -2.0782, 17.7490

Details

The XYZ color **82.5812, 85.3298, 73.0906** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.9245, 77.5131, 105.7257**, and the grayscale version is **81.4637, 85.7061, 93.3340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3252, 46.6125, 37.6186** is the 20% darker color. If you saturate the color by 10%, you get **76.5131, 77.8791, 56.6232**, and if you desaturate by 10%, it is **89.3662, 93.4036, 92.2966**.

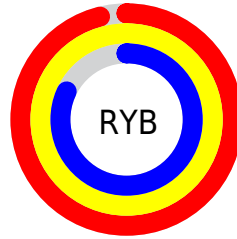
Distribution



Red (100%)

Green (92%)

Blue (82%)



Red (96%)

Yellow (100%)

Blue (82%)

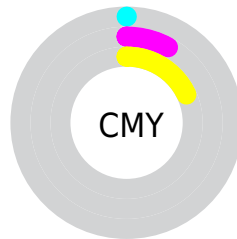


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5812, 85.3298, 73.0906 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 82.5812, 85.3298, 73.0906 by changing the saturation by 10% instead.

 82.5812, 85.3298,
73.0906

 82.5812, 85.3298,
73.0906


492.1948,
512.7187, 490.4080

 62.1605, 64.1139,
53.5578


135.9203,
140.8339, 125.3279

 45.4185, 46.7429,
37.8575


169.5694,
175.8908, 158.8695

 31.9898, 32.8325,
25.5711


208.3587,
216.3303, 197.9178

 21.5092, 21.9982,
16.2802

252.6534,
262.5366, 242.8912

 13.6113, 13.8555,
9.5661

302.8191,
314.8943, 294.2084

 7.9307, 8.0203,
5.0104

359.2209,

 4.1021, 4.1079,

373.7876, 352.2879

2.1945

422.2244,
439.6009, 417.5483

■ 1.7600, 1.7341,
0.6712

■ 0.4934, 0.4456,
0.0000

■ 82.5812, 85.3298,
73.0906

■ 82.5812, 85.3298,
73.0906

■ 76.5131, 77.8791,
56.6232

■ 89.3662, 93.4036,
92.2966

■ 71.1282, 71.0233,
42.7617

95.0500, 100.0000,
108.9000

■ 66.3986, 64.7478,
31.3705

■ 62.2922, 59.0334,
22.2993

■ 58.7733, 53.8591,
15.3813

■ 55.8018, 49.2019,
10.4270

■ 53.3312, 45.0361,
7.2132

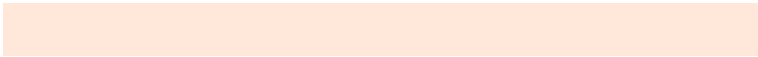
■ 51.3014, 41.3301,
5.4460

■ 50.8680, 40.5160,
5.1393

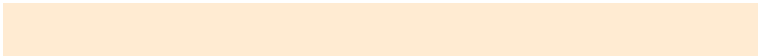
Harmonies

Analogous

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



86.2197, 85.3298, 77.4115



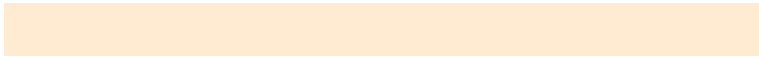
82.5812, 85.3298, 73.0906



78.6602, 85.3298, 73.7460

Triad

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



82.5812, 85.3298, 73.0906



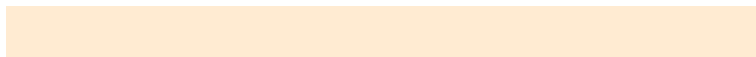
74.1024, 85.3298, 100.1590



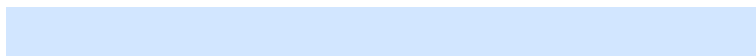
86.9839, 85.3298, 108.0166

Complementary

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



82.5812, 85.3298, 73.0906



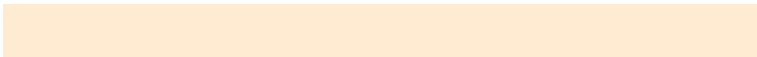
72.9245, 77.5131, 105.7257

Split Complementary

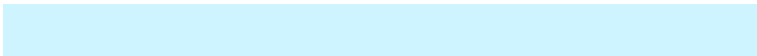
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5967, 85.3298, 115.1350



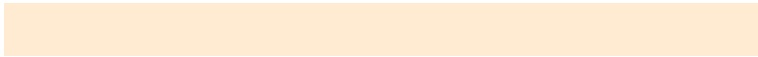
82.5812, 85.3298, 73.0906



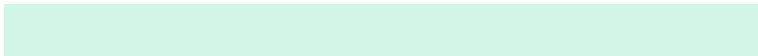
76.1936, 85.3298, 110.3495

Square

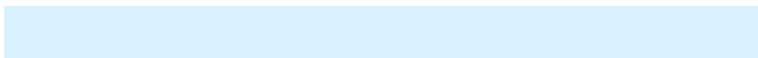
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5812, 85.3298, 73.0906



73.8506, 85.3298, 88.7660



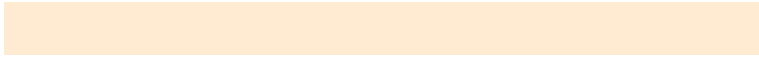
79.6434, 85.3298, 116.0220



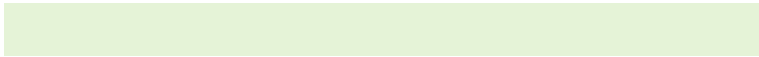
88.8162, 85.3298, 97.1803

Rectangle

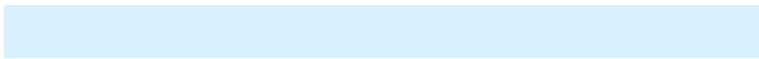
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5812, 85.3298, 73.0906



76.4108, 85.3298, 76.9313



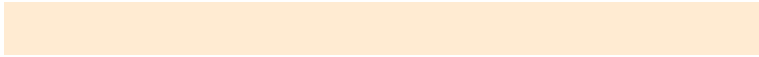
79.6434, 85.3298, 116.0220



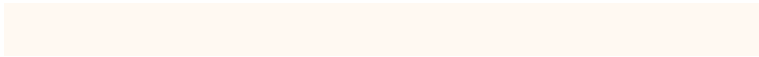
85.9844, 85.3298, 110.9601

Sweetspot

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



82.5832, 85.3335, 73.0924



91.2839, 95.6444, 97.8514



78.6053, 73.0814, 85.0110



19.4284, 20.3436, 20.6243



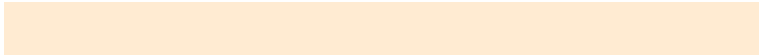
0.0000, 0.0000, 0.0000



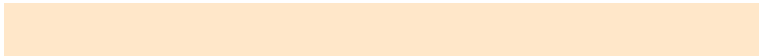
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5832, 85.3335, 73.0924



80.4694, 82.7657, 67.2705



87.8102, 97.0090, 75.0705



18.8465, 19.6611, 18.9460



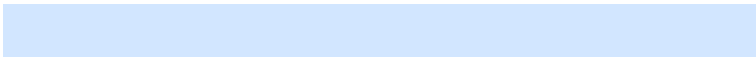
26.7310, 21.4732, 2.7359



2.7117, 2.3088, 0.3027

Inverse Universe

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



72.9245, 77.5131, 105.7257



69.2497, 73.6822, 105.1800



68.3211, 67.3486, 104.0064



17.6673, 18.7063, 22.9295



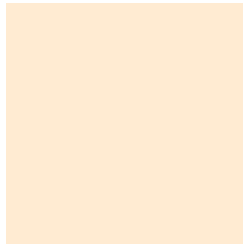
12.6782, 10.2660, 50.7479



1.3413, 1.2134, 4.9768

Previews

White Background



This preview shows how the XYZ color 82.5812, 85.3298, 73.0906 looks on a white background.

Color Contrast Check

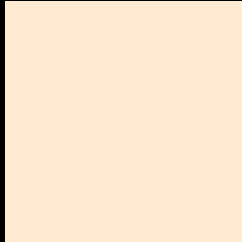
Large Text (above 18pt) WCAG AA × Fail

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 82.5812, 85.3298, 73.0906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

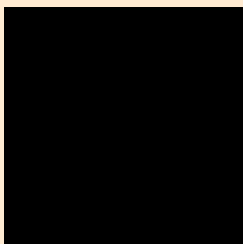
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5812, 85.3298, 73.0906

Background



This preview shows how black text looks on a background with the XYZ color 82.5812, 85.3298, 73.0906.



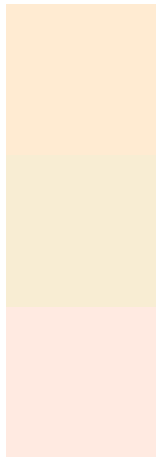
This preview shows how white text looks on a background with the XYZ color 82.5812, 85.3298,

73.0906.

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

82.5812, 85.3298, 73.0906

Protanopia

80.7535, 85.2280, 73.8225

Deuteranopia

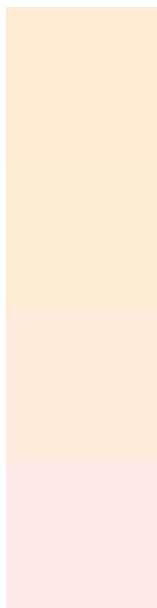
84.2534, 85.5419, 83.3048



Tritanopia

86.5780, 85.5658, 98.3389

Trichromacy



Original Color

82.5812, 85.3298, 73.0906

Protanomaly

81.5370, 85.2033, 73.7764

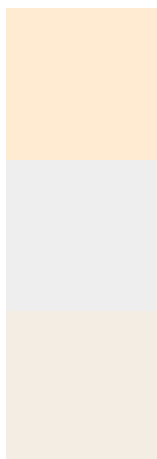
Deuteranomaly

83.5811, 85.2729, 79.7643

Tritanomaly

84.9444, 85.3640, 88.3438

Monochromacy



Original Color

82.5812, 85.3298, 73.0906

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5960, 85.4029, 85.5826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5812, 85.3298, 73.0906 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, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 210)  
}
```

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, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 210) }
```

Border

The CSS property to change the border of an element to XYZ 82.5812, 85.3298, 73.0906 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, 235, 210) }
```


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

```
.border{ border-color:rgb(255, 235, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5812, 85.3298, 73.0906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 210) }
```

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

```
.background{ background-color: rgb(255,  
235, 210) }
```

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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