

Converting Colors

XYZ(82.4108, 84.9854, 73.0448)

Have a look what the booklet for
XYZ(82.4108, 84.9854, 73.0448)
contains.

XYZ(82.2957, 84.7588, 72.9954) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(82.2957, 84.7588,
72.9954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAD2
RGB	255, 234, 210
RGB Percent	100%, 92%, 82%
CMY	0.0000, 0.0823, 0.1765
CMYK	0.00, 0.08, 0.18, 0.00
HSL	32°, 100%, 91%
HSV	32°, 18%, 100%
XYZ	82.2957, 84.7588, 72.9954
YIQ	237.5430, 20.2200, -3.0120

Conversions

Conversions Part 2

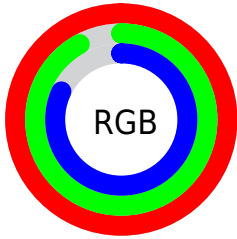
Format	Color
R _Y B	249, 255, 210
Decimal	16771794
CIE Lab	93.78, 3.37, 14.23
CIE LCh	94, 14.627, 76.668
Yxy	84.7588, 0.3428, 0.3531
Android (android.graphics.Color)	4294961874 (0xFFFEAD2)
YUV	237.5430, -13.5787, 15.3098
Hunter-Lab	92.0645, -1.5533, 17.4358

Details

The XYZ color **82.2957, 84.7588, 72.9954** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.2035, 78.0712, 105.8188**, and the grayscale version is **81.0072, 85.2259, 92.8110**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2098, 46.2469, 37.9962** is the 20% darker color. If you saturate the color by 10%, you get **76.0948, 77.0424, 56.4837**, and if you desaturate by 10%, it is **89.2343, 93.1399, 92.2525**.

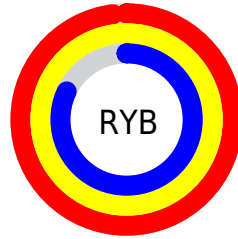
Distribution



Red (100%)

Green (92%)

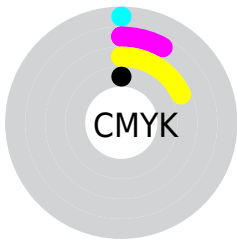
Blue (82%)



Red (98%)

Yellow (100%)

Blue (82%)

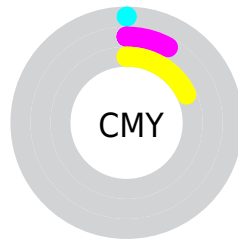


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (8%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2957, 84.7588, 72.9954 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 82.2957, 84.7588, 72.9954 by changing the saturation by 10% instead.


 82.2957, 84.7588,
72.9954

 82.2957, 84.7588,
72.9954


491.2558,
510.8296, 490.0692

 61.9242, 63.6421,
53.4804


135.5223,
140.0361, 125.1915

 45.2269, 46.3609,
37.7961


169.1081,
174.9656, 158.7098

 31.8382, 32.5307,
25.5238


207.8294,
215.2680, 197.7328

 21.3929, 21.7672,
16.2452

252.0515,
261.3279, 242.6792

 13.5256, 13.6859,
9.5416

302.1399,
313.5296, 293.9675

 7.8709, 7.9025,
4.9945

358.4598,

 4.0636, 4.0326,

372.2575, 352.0162

2.1853

421.3767,
437.8961, 417.2440

■ 1.7382, 1.6918,
0.6659

■ 0.4800, 0.4184,
0.0000

■ 82.2957, 84.7588,
72.9954

■ 82.2957, 84.7588,
72.9954

■ 76.0948, 77.0424,
56.4837

■ 89.2343, 93.1399,
92.2525

■ 70.5972, 69.9614,
42.5847

95.0500, 100.0000,
108.9000

■ 65.7747, 63.4999,
31.1625

■ 61.5941, 57.6372,
22.0666

■ 58.0192, 52.3509,
15.1299

■ 55.0092, 47.6167,
10.1628

■ 52.5168, 43.4073,
6.9418

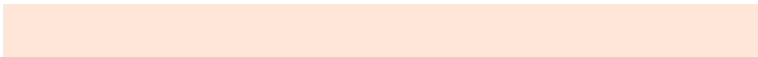
■ 50.4810, 39.6894,
5.1725

■ 50.0485, 38.8770,
4.8662

Harmonies

Analogous

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



85.7968, 84.7588, 77.5836



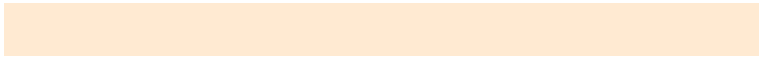
82.2957, 84.7588, 72.9954



78.4369, 84.7588, 73.2714

Triad

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



82.2957, 84.7588, 72.9954



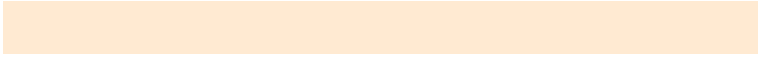
73.6138, 84.7588, 98.5616



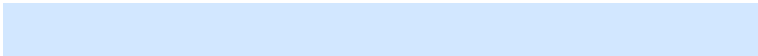
86.1179, 84.7588, 107.7623

Complementary

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



82.2957, 84.7588, 72.9954



73.2035, 78.0712, 105.8188

Split Complementary

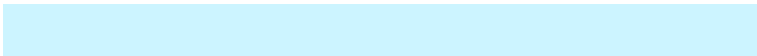
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7225, 84.7588, 114.3391



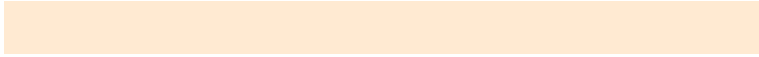
82.2957, 84.7588, 72.9954



75.5421, 84.7588, 108.7418

Square

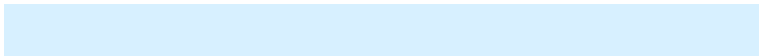
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2957, 84.7588, 72.9954



73.5078, 84.7588, 87.4416



78.8503, 84.7588, 114.7114



88.0508, 84.7588, 97.3100

Rectangle

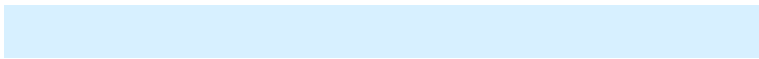
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2957, 84.7588, 72.9954



76.1813, 84.7588, 76.1683



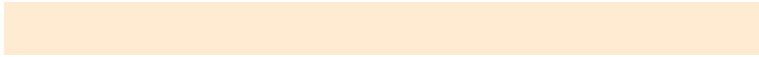
78.8503, 84.7588, 114.7114



85.1048, 84.7588, 110.5351

Sweetspot

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



82.2977, 84.7624, 72.9972



91.1962, 95.4691, 97.8222



78.7110, 73.1237, 85.5678



19.4071, 20.3009, 20.6172



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

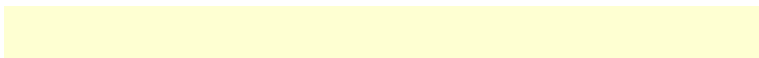
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2977, 84.7624, 72.9972



80.1370, 82.1010, 67.1597



88.0834, 97.1499, 75.0833



18.8118, 19.5918, 18.9344



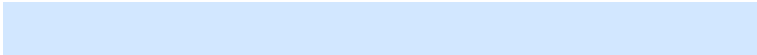
26.3024, 20.6161, 2.5930



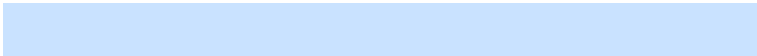
2.6704, 2.2261, 0.2889

Inverse Universe

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



73.2035, 78.0712, 105.8188



69.5730, 74.3288, 105.2877



68.1050, 67.2372, 103.9963



17.7016, 18.7749, 22.9409



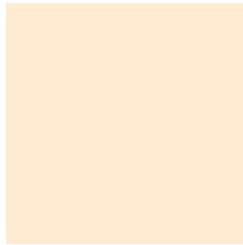
13.0228, 10.9552, 50.8628



1.3761, 1.2829, 4.9884

Previews

White Background



This preview shows how the XYZ color 82.2957, 84.7588, 72.9954 looks on a white background.

Color Contrast Check

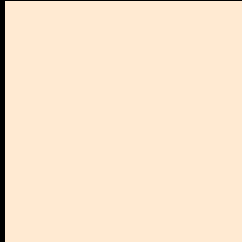
Large Text (above 18pt) WCAG AA × Fail

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 82.2957, 84.7588, 72.9954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

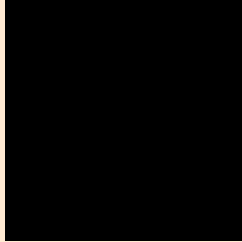
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2957, 84.7588, 72.9954

Background



This preview shows how black text looks on a background with the XYZ color 82.2957, 84.7588, 72.9954.



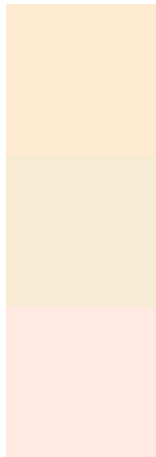
This preview shows how white text looks on a background with the XYZ color 82.2957, 84.7588,

72.9954.

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

82.2957, 84.7588, 72.9954

Protanopia

80.1111, 84.4682, 73.7097

Deuteranopia

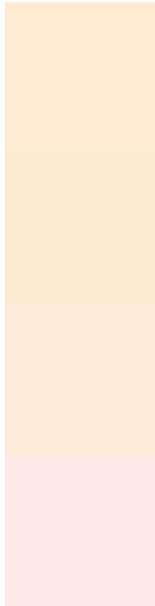
83.8335, 84.9196, 82.4936



Tritanopia

86.2973, 85.0044, 98.2453

Trichromacy



Original Color

82.2957, 84.7588, 72.9954

Protanomaly

80.8905, 84.4438, 73.6639

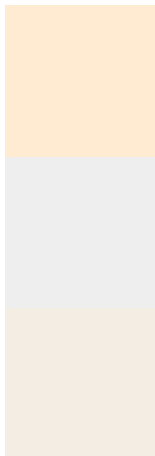
Deuteranomaly

83.1651, 84.6523, 78.9741

Tritanomaly

84.6621, 84.7994, 88.2497

Monochromacy



Original Color

82.2957, 84.7588, 72.9954

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 82.2957, 84.7588, 72.9954 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, 234, 210) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 210) }
```

Border

The CSS property to change the border of an element to XYZ 82.2957, 84.7588, 72.9954 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, 234, 210) }
```


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

```
.border{ border-color:rgb(255, 234, 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, 234, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2957, 84.7588, 72.9954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 210) }
```

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

```
.background{ background-color: rgb(255,  
234, 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](#).

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