

Converting Colors

XYZ(81.3207, 82.5603, 73.4369)

Have a look what the booklet for
XYZ(81.3207, 82.5603, 73.4369)
contains.

XYZ(81.2947, 82.5568, 73.2784)	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(81.2947, 82.5568,
73.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D3
RGB	255, 230, 211
RGB Percent	100%, 90%, 83%
CMY	0.0000, 0.0980, 0.1725
CMYK	0.00, 0.10, 0.17, 0.00
HSL	26°, 100%, 91%
HSV	26°, 17%, 100%
XYZ	81.2947, 82.5568, 73.2784
YIQ	235.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

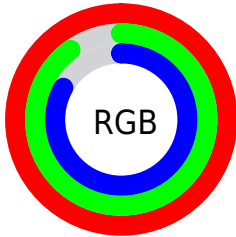
Format	Color
R _Y B	255, 244, 211
Decimal	16770771
CIE Lab	92.82, 5.57, 12.35
CIE LCh	93, 13.549, 65.743
Yxy	82.5568, 0.3428, 0.3482
Android (android.graphics.Color)	4294960851 (0xFFFFE6D3)
YUV	235.3090, -11.9843, 17.2690
Hunter-Lab	90.8608, 0.7007, 15.7857

Details

The XYZ color **81.2947, 82.5568, 73.2784** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9086, 81.0575, 106.3053**, and the grayscale version is **79.2800, 83.4088, 90.8321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6194, 45.0660, 37.7994** is the 20% darker color. If you saturate the color by 10%, you get **74.4833, 73.6505, 56.4674**, and if you desaturate by 10%, it is **88.9522, 92.3431, 92.8754**.

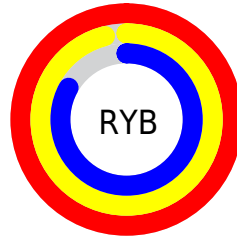
Distribution



Red (100%)

Green (90%)

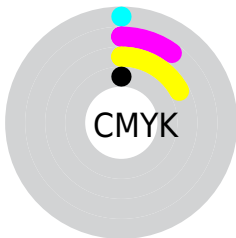
Blue (83%)



Red (100%)

Yellow (96%)

Blue (83%)

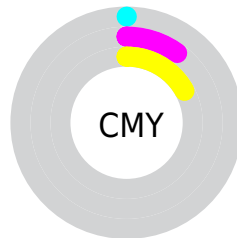


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2947, 82.5568, 73.2784 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 81.2947, 82.5568, 73.2784 by changing the saturation by 10% instead.


 81.2947, 82.5568,
73.2784

 81.2947, 82.5568,
73.2784


487.9558,
503.5083, 491.0758

 61.0965, 61.8246,
53.7104


134.1255,
136.9546, 125.5969

 44.5559, 44.8910,
37.9786


167.4887,
171.3889, 159.1846

 31.3075, 31.3716,
25.6644


205.9710,
211.1594, 198.2825

 20.9861, 20.8820,
16.3492

249.9377,
256.6505, 243.3093

 13.2262, 13.0377,
9.6146

299.7542,
308.2465, 294.6835

 7.6626, 7.4545,
5.0419

355.7858,

 3.9298, 3.7480,

366.3319, 352.8236

2.2127

418.3979,
431.2910, 418.1482

■ 1.6625, 1.5336,
0.6817

■ 0.4326, 0.3122,
0.0000

■ 81.2947, 82.5568,
73.2784

■ 81.2947, 82.5568,
73.2784

■ 74.4833, 73.6505,
56.4674

■ 88.9522, 92.3431,
92.8754

■ 68.4801, 65.5878,
42.3089

95.0500, 100.0000,
108.9000

■ 63.2531, 58.3451,
30.6661

■ 58.7651, 51.8935,
21.3877

■ 54.9758, 46.2024,
14.3060

■ 51.8401, 41.2383,
9.2307

■ 49.3062, 36.9642,
5.9386

■ 47.3094, 33.3374,
4.1423

■ 46.8315, 32.4430,
3.7938

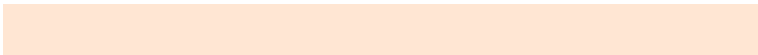
Harmonies

Analogous

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



84.1174, 82.5568, 78.9874



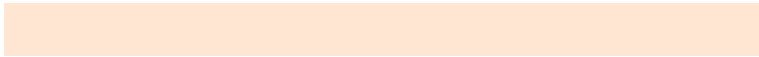
81.2947, 82.5568, 73.2784



77.7893, 82.5568, 71.8724

Triad

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



81.2947, 82.5568, 73.2784



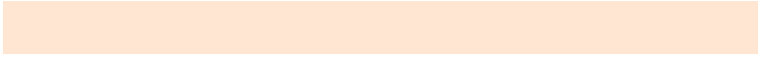
71.8945, 82.5568, 91.8532



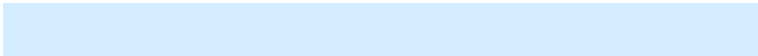
82.5074, 82.5568, 106.6415

Complementary

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



81.2947, 82.5568, 73.2784



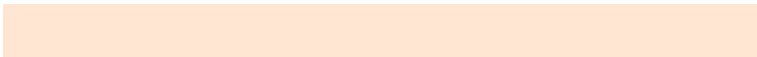
74.9086, 81.0575, 106.3053

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.



79.1502, 82.5568, 110.6929



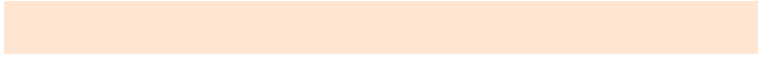
81.2947, 82.5568, 73.2784



73.0770, 82.5568, 101.7531

Square

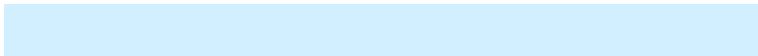
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2947, 82.5568, 73.2784



72.4300, 82.5568, 82.1245



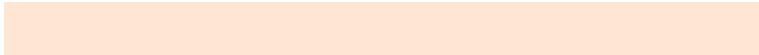
75.7071, 82.5568, 108.8403



84.8321, 82.5568, 98.1309

Rectangle

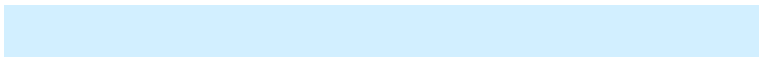
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2947, 82.5568, 73.2784



75.5512, 82.5568, 73.4648



75.7071, 82.5568, 108.8403



81.4584, 82.5568, 108.5980

Sweetspot

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



81.2967, 82.5603, 73.2801



90.7974, 94.6714, 97.6893



79.7722, 73.9444, 89.9345



19.3102, 20.1072, 20.5849



0.0000, 0.0000, 0.0000



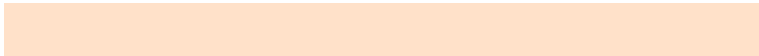
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2967, 82.5603, 73.2801



78.6475, 79.1220, 66.6632



87.5995, 95.1661, 75.3811



18.6546, 19.2775, 18.8820



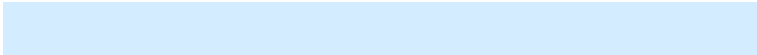
24.6121, 17.2355, 2.0296



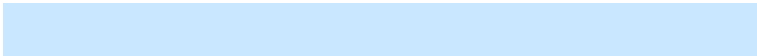
2.5025, 1.8903, 0.2330

Inverse Universe

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



74.9086, 81.0575, 106.3053



71.0785, 77.3399, 105.7896



69.1305, 69.5013, 104.3793



17.8595, 19.0906, 22.9935



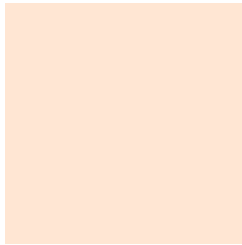
14.8620, 14.6336, 51.4758



1.5557, 1.6421, 5.0482

Previews

White Background



This preview shows how the XYZ color 81.2947, 82.5568, 73.2784 looks on a white background.

Color Contrast Check

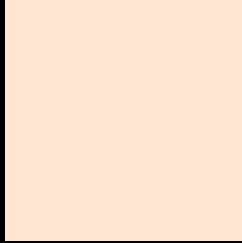
Large Text (above 18pt) WCAG AA × Fail

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 81.2947, 82.5568, 73.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

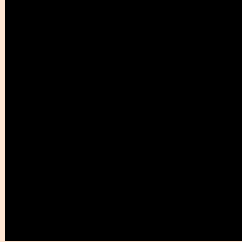
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2947, 82.5568, 73.2784

Background



This preview shows how black text looks on a background with the XYZ color 81.2947, 82.5568, 73.2784.



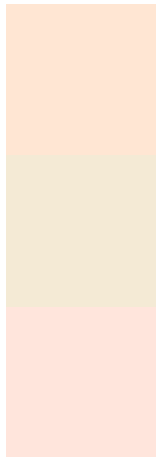
This preview shows how white text looks on a background with the XYZ color 81.2947, 82.5568,

73.2784.

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

81.2947, 82.5568, 73.2784

Protanopia

78.7413, 82.8828, 74.7987

Deuteranopia

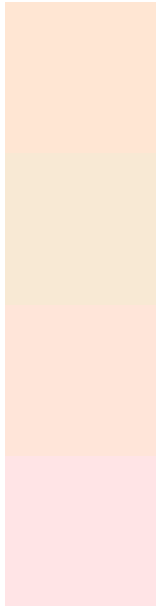
82.1776, 82.4659, 79.2964



Tritanopia

84.5863, 82.5490, 94.6945

Trichromacy



Original Color

81.2947, 82.5568, 73.2784

Protanomaly

79.7340, 82.9878, 74.1032

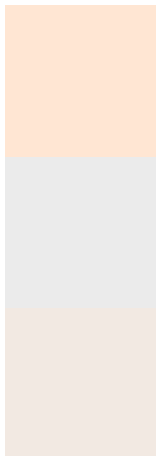
Deuteranomaly

81.7837, 82.3084, 77.2223

Tritanomaly

83.2663, 82.4600, 86.3907

Monochromacy



Original Color

81.2947, 82.5568, 73.2784

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4843, 82.6461, 83.7145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2947, 82.5568, 73.2784 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, 230, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 211)  
}
```

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, 230, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 211) }
```

Border

The CSS property to change the border of an element to XYZ 81.2947, 82.5568, 73.2784 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, 230, 211) }
```


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

```
.border{ border-color:rgb(255, 230, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2947, 82.5568, 73.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 211) }
```

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

```
.background{ background-color: rgb(255,  
230, 211) }
```

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