

Converting Colors

XYZ(114.3383, 103.5609,
76.8385)

Have a look what the booklet for
XYZ(114.3383, 103.5609, 76.8385)
contains.

XYZ(84.1167, 87.7971, 75.4639)	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(84.1167, 87.7971,
75.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD5
RGB	255, 239, 213
RGB Percent	100%, 94%, 84%
CMY	0.0000, 0.0627, 0.1647
CMYK	0.00, 0.06, 0.16, 0.00
HSL	37°, 100%, 92%
HSV	37°, 16%, 100%
XYZ	84.1167, 87.7971, 75.4639
YIQ	240.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

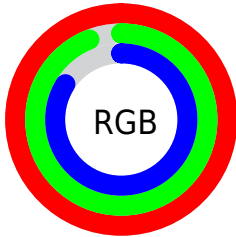
Format	Color
R_{YB}	239, 255, 213
Decimal	16773077
CIE Lab	95.08, 1.27, 14.52
CIE LCh	95, 14.572, 84.982
Yxy	87.7971, 0.3400, 0.3549
Android (android.graphics.Color)	4294963157 (0xFFFFEFD5)
YUV	240.8200, -13.7153, 12.4359
Hunter-Lab	93.7001, -3.7317, 17.8393

Details

The XYZ color **84.1167, 87.7971, 75.4639** is a light color, and the websafe version is hex **FFFCC**, and the color name is **papayawhip**. A complement of this color would be **73.5092, 77.4026, 105.6736**, and the grayscale version is **83.5640, 87.9158, 95.7403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3937, 48.3414, 39.2334** is the 20% darker color. If you saturate the color by 10%, you get **78.3646, 81.0716, 58.8140**, and if you desaturate by 10%, it is **90.5348, 95.0393, 94.8487**.

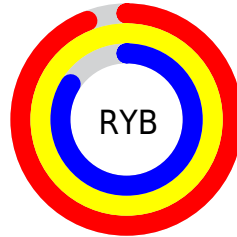
Distribution



Red (100%)

Green (94%)

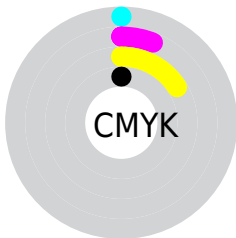
Blue (84%)



Red (94%)

Yellow (100%)

Blue (84%)

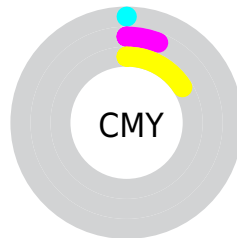


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1167, 87.7971, 75.4639 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 84.1167, 87.7971, 75.4639 by changing the saturation by 10% instead.

 84.1167, 87.7971,
75.4639

 84.1167, 87.7971,
75.4639


497.2285,
520.8386, 498.8084

 63.4318, 66.1550,
55.4890


138.0588,
144.2746, 128.7219

 46.4506, 48.3983,
39.3921


172.0468,
179.8789, 162.8422

 32.8077, 34.1424,
26.7547


211.1998,
220.9061, 202.5146

 22.1377, 23.0030,
17.1583

255.8833,
267.7405, 248.1577

 14.0753, 14.5957,
10.1843

306.4625,
320.7665, 300.1902

 8.2551, 8.5362,
5.4141

363.3029,

 4.3118, 4.4399,

380.3686, 359.0304

2.4293

426.7698,
446.9312, 425.0970

■ 1.8800, 1.9226,
0.8023

■ 0.5652, 0.5619,
0.0000

■ 84.1167, 87.7971,
75.4639

■ 84.1167, 87.7971,
75.4639

■ 78.3646, 81.0716,
58.8140

■ 90.5348, 95.0393,
94.8487

■ 73.2460, 74.8373,
44.7678

95.0500, 100.0000,
108.9000

■ 68.7351, 69.0827,
33.1916

■ 64.8013, 63.7917,
23.9371

■ 61.4112, 58.9468,
16.8404

■ 58.5269, 54.5288,
11.7156

■ 56.1046, 50.5156,
8.3451

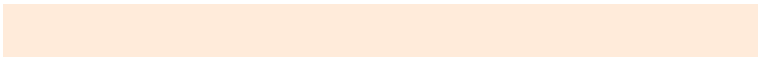
■ 54.0900, 46.8812,
6.4566

■ 53.4483, 45.6766,
5.9994

Harmonies

Analogous

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



87.8976, 87.7971, 78.8150



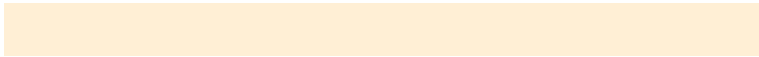
84.1167, 87.7971, 75.4639



80.2716, 87.7971, 77.1488

Triad

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



84.1167, 87.7971, 75.4639



76.7306, 87.7971, 105.1118



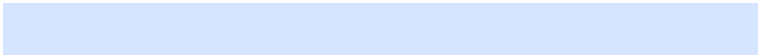
89.8456, 87.7971, 108.6729

Complementary

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



84.1167, 87.7971, 75.4639



73.5092, 77.4026, 105.6736

Split Complementary

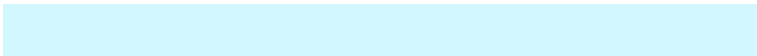
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7081, 87.7971, 116.7720



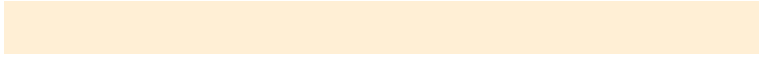
84.1167, 87.7971, 75.4639



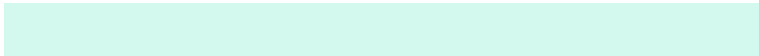
79.1521, 87.7971, 114.6046

Square

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



84.1167, 87.7971, 75.4639



76.0859, 87.7971, 93.7002



82.7839, 87.7971, 119.0238



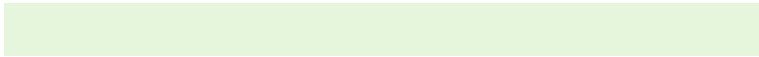
91.2714, 87.7971, 97.5174

Rectangle

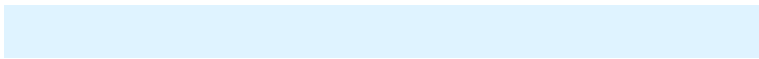
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1167, 87.7971, 75.4639



78.1773, 87.7971, 80.9768



82.7839, 87.7971, 119.0238



88.9514, 87.7971, 111.8769

Sweetspot

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



84.1188, 87.8009, 75.4658



91.5351, 96.1469, 97.9352



79.1917, 74.5122, 84.4113



19.4895, 20.4658, 20.6447



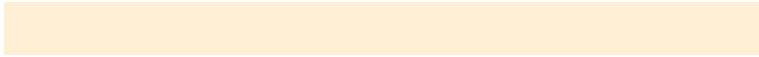
0.0000, 0.0000, 0.0000



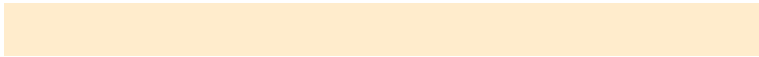
20.3446, 21.4041, 23.3091

Same Dimension

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



84.1188, 87.8009, 75.4658



82.0132, 85.3679, 69.2818



87.2307, 96.6667, 77.0130



18.9461, 19.8605, 18.9792



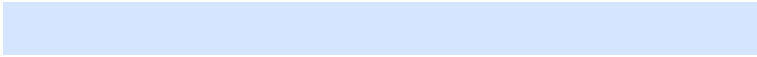
28.0766, 24.1644, 3.1844



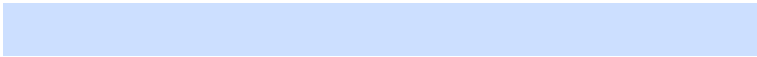
2.8393, 2.5639, 0.3452

Inverse Universe

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



73.5092, 77.4026, 105.6736



69.4523, 73.0584, 105.0489



70.7287, 69.6997, 104.3333



17.5700, 18.5115, 22.8970



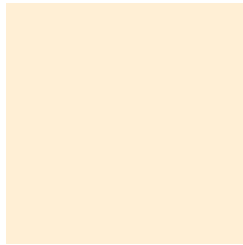
11.8030, 8.5156, 50.4562



1.2507, 1.0321, 4.9466

Previews

White Background



This preview shows how the XYZ color 84.1167, 87.7971, 75.4639 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 84.1167, 87.7971, 75.4639 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 84.1167, 87.7971, 75.4639

Background



This preview shows how black text looks on a background with the XYZ color 84.1167, 87.7971, 75.4639.



This preview shows how white text looks on a background with the XYZ color 84.1167, 87.7971,

75.4639.

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

84.1167, 87.7971, 75.4639

Protanopia

83.4426, 87.8707, 76.1812

Deuteranopia

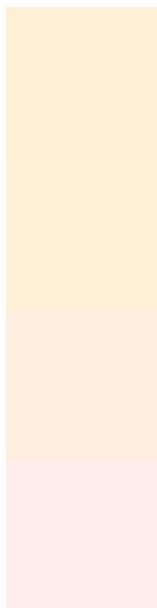
85.9480, 87.5979, 87.9794



Tritanopia

88.3343, 88.0905, 101.9700

Trichromacy



Original Color

84.1167, 87.7971, 75.4639

Protanomaly

83.8057, 88.0579, 76.1982

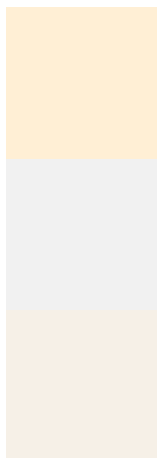
Deuteranomaly

85.2691, 87.7909, 82.9722

Tritanomaly

86.6645, 87.8845, 91.7526

Monochromacy



Original Color

84.1167, 87.7971, 75.4639

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.5899, 87.6825, 88.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1167, 87.7971, 75.4639 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, 239, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 213)  
}
```

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, 239, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 213) }
```

Border

The CSS property to change the border of an element to XYZ 84.1167, 87.7971, 75.4639 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, 239, 213) }
```


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

```
.border{ border-color:rgb(255, 239, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1167, 87.7971, 75.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 213) }
```

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

```
.background{ background-color: rgb(255,  
239, 213) }
```

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