

Converting Colors

XYZ(97.9428, 100.0000,
68.2769)

Have a look what the booklet for
XYZ(97.9428, 100.0000, 68.2769)
contains.

| | |
|--|----|
| XYZ(85.7344, 93.7547, 67.6106) | 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(85.7344, 93.7547,
67.6106)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFAC7 |
| RGB | 255, 250, 199 |
| RGB Percent | 100%, 98%, 78% |
| CMY | 0.0000, 0.0196, 0.2196 |
| CMYK | 0.00, 0.02, 0.22, 0.00 |
| HSL | 55°, 100%, 89% |
| HSV | 55°, 22%, 100% |
| XYZ | 85.7344, 93.7547, 67.6106 |
| YIQ | 245.6810, 19.3510, -14.8010 |

Conversions

Conversions Part 2

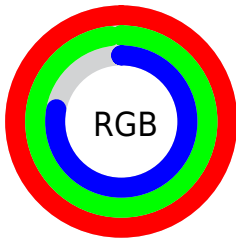
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 204, 255, 199 |
| Decimal | 16775879 |
| CIELab | 97.53, -6.26, 25.12 |
| CIELCh | 98, 25.888, 103.995 |
| Yxy | 93.7547, 0.3470, 0.3794 |
| Android (android.graphics.Color) | 4294965959 (0xFFFFFAC7) |
| YUV | 245.6810, -23.0137, 8.1728 |
| Hunter-Lab | 96.8270, -11.3964, 26.3790 |

Details

The XYZ color **85.7344, 93.7547, 67.6106** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.1956, 62.5461, 103.3496**, and the grayscale version is **87.5107, 92.0680, 100.2621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6913, 52.6337, 34.4338** is the 20% darker color. If you saturate the color by 10%, you get **82.3167, 91.2670, 53.0681**, and if you desaturate by 10%, it is **89.6613, 96.4661, 84.7727**.

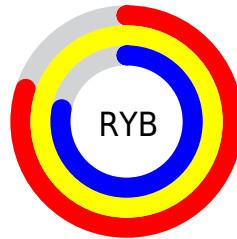
Distribution



Red (100%)

Green (98%)

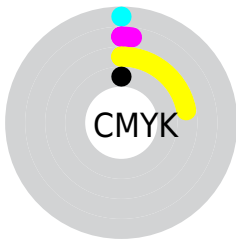
Blue (78%)



Red (80%)

Yellow (100%)

Blue (78%)

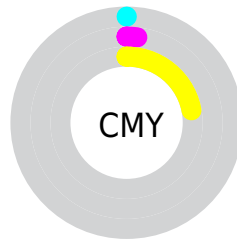


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7344, 93.7547, 67.6106 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 85.7344, 93.7547, 67.6106 by changing the saturation by 10% instead.

85.7344, 93.7547,
67.6106

85.7344, 93.7547,
67.6106

502.5022,
540.1706, 470.6757

64.7729, 71.0989,
49.1163

140.3075,
152.5430, 117.4438

47.5410, 52.4229,
34.3455

174.6499,
189.4444, 149.6199

33.6733, 37.3423,
22.8796

214.1832,
231.8632, 187.1935

22.8044, 25.4726,
14.3002

259.2729,
280.1836, 230.5834

14.5690, 16.4295,
8.1886

310.2843,
334.7902, 280.2080

8.6018, 9.8286,
4.1264

367.5827,

4.5374, 5.2855,

396.0673, 336.4859

1.6949

431.5335,
464.3993, 399.8356

■ 2.0104, 2.4157,
0.3573

■ 0.6398, 0.8340,
0.0000

■ 85.7344, 93.7547,
67.6106

■ 85.7344, 93.7547,
67.6106

■ 82.3167, 91.2670,
53.0681

■ 89.6613, 96.4661,
84.7727

■ 79.3767, 88.9807,
41.0092

■ 94.1136, 99.3982,
104.6697

■ 76.8899, 86.8892,
31.2947

■ 95.0500, 100.0000,
108.9000

■ 74.8265, 84.9807,
23.7689

■ 73.1537, 83.2417,
18.2577

■ 71.8331, 81.6571,
14.5604

■ 70.8188, 80.2083,
12.4347

■ 70.1699, 79.1198,
11.5733

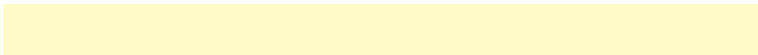
Harmonies

Analogous

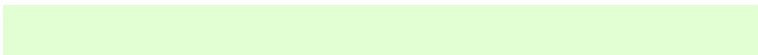
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0674, 93.7547, 67.8903



85.7344, 93.7547, 67.6106



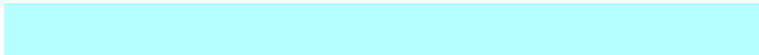
79.6444, 93.7547, 75.6301

Triad

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



85.7344, 93.7547, 67.6106



79.3195, 93.7547, 132.8792



103.4080, 93.7547, 113.6621

Complementary

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



85.7344, 93.7547, 67.6106



63.1956, 62.5461, 103.3496

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.



99.2996, 93.7547, 134.0800



85.7344, 93.7547, 67.6106



85.2684, 93.7547, 146.1742

Square

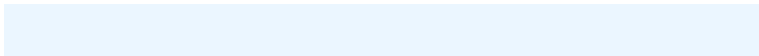
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7344, 93.7547, 67.6106



76.0810, 93.7547, 112.1948



92.5752, 93.7547, 146.6417



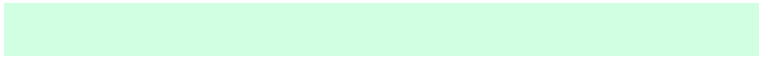
103.5498, 93.7547, 92.5977

Rectangle

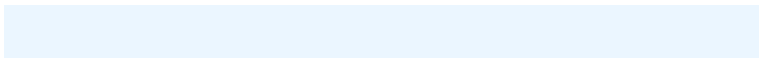
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7344, 93.7547, 67.6106



76.9954, 93.7547, 85.3348



92.5752, 93.7547, 146.6417



102.4353, 93.7547, 120.8904

Sweetspot

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



85.7366, 93.7588, 67.6126



91.8023, 97.8918, 94.2922



72.6354, 66.4964, 66.5128



19.5922, 20.9151, 19.9266



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.



85.7366, 93.7588, 67.6126



84.2955, 92.7267, 61.4287



79.5432, 92.9002, 67.7733



19.4146, 20.7973, 19.1354



36.7226, 41.4564, 6.0664



3.6145, 4.1143, 0.6036

Inverse Universe

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



63.1956, 62.5461, 103.3496



58.3903, 56.8572, 102.5048



68.4150, 63.5030, 103.2592



17.1332, 17.6380, 22.7514



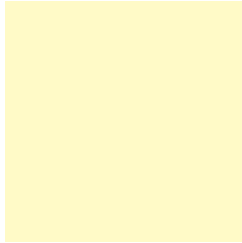
9.6328, 4.1752, 49.7328



0.9800, 0.4907, 4.8563

Previews

White Background



This preview shows how the XYZ color 85.7344, 93.7547, 67.6106 looks on a white background.

Color Contrast Check

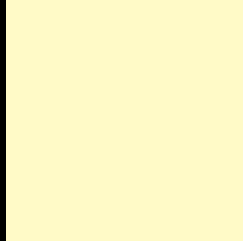
Large Text (above 18pt) WCAG AA × Fail

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 85.7344, 93.7547, 67.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

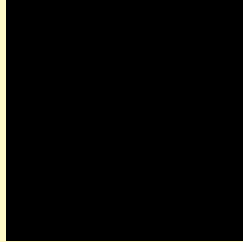
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7344, 93.7547, 67.6106

Background



This preview shows how black text looks on a background with the XYZ color 85.7344, 93.7547, 67.6106.



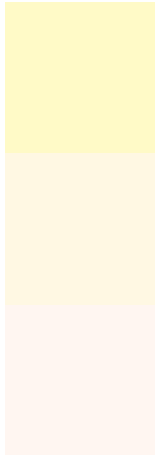
This preview shows how white text looks on a background with the XYZ color 85.7344, 93.7547,

67.6106.

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

85.7344, 93.7547, 67.6106

Protanopia

88.6725, 93.9409, 86.1319

Deuteranopia

90.0730, 93.5224, 96.5234

Tritanopia

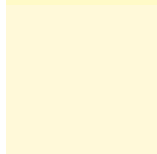
91.7818, 93.7206, 107.0184

Trichromacy



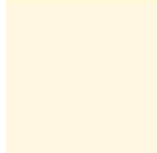
Original Color

85.7344, 93.7547, 67.6106



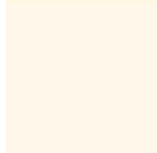
Protanomaly

87.6401, 94.0211, 79.1744



Deuteranomaly

88.2282, 93.2725, 85.3048



Tritanomaly

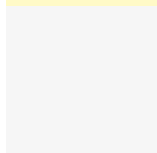
89.3520, 93.7220, 91.2227

Monochromacy



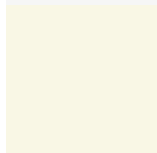
Original Color

85.7344, 93.7547, 67.6106



Achromatopsia

87.5964, 92.1582, 100.3603



Achromatomaly

86.4705, 92.3184, 87.3905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7344, 93.7547, 67.6106 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, 250, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 199)  
}
```

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, 250, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 199) }
```

Border

The CSS property to change the border of an element to XYZ 85.7344, 93.7547, 67.6106 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, 250, 199) }
```


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

```
.border{ border-color:rgb(255, 250, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7344, 93.7547, 67.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 199) }
```

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

```
.background{ background-color: rgb(255,  
250, 199) }
```

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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