

Converting Colors

XYZ(97.4559, 100.0000,
61.3796)

Have a look what the booklet for
XYZ(97.4559, 100.0000, 61.3796)
contains.

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Color

**XYZ(84.3952, 93.2191,
60.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFABB
RGB	255, 250, 187
RGB Percent	100%, 98%, 73%
CMY	0.0000, 0.0196, 0.2667
CMYK	0.00, 0.02, 0.27, 0.00
HSL	56°, 100%, 87%
HSV	56°, 27%, 100%
XYZ	84.3952, 93.2191, 60.5587
YIQ	244.3130, 23.2030, -18.5330

Conversions

Conversions Part 2

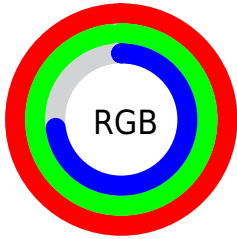
Format	Color
R_{YB}	192, 255, 187
Decimal	16775867
CIE _{Lab}	97.32, -7.86, 30.90
CIE _{LCh}	97, 31.880, 104.266
Yxy	93.2191, 0.3543, 0.3914
Android (android.graphics.Color)	4294965947 (0xFFFFFABB)
YUV	244.3130, -28.2553, 9.3725
Hunter-Lab	96.5500, -12.9342, 30.3968

Details

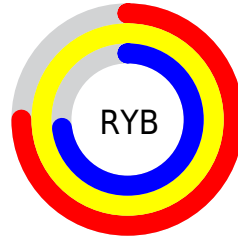
The XYZ color **84.3952, 93.2191, 60.5587** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.3928, 55.4825, 102.2920**, and the grayscale version is **86.4480, 90.9500, 99.0445**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **46.8141, 52.2828, 29.8145** is the 20% darker color. If you saturate the color by 10%, you get **81.3260, 91.0682, 47.2425**, and if you desaturate by 10%, it is **87.9596, 95.5838, 76.4336**.

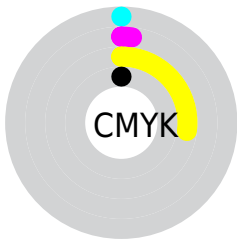
Distribution



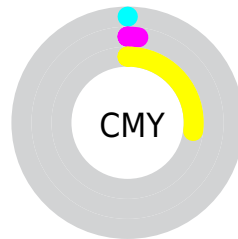
- Red (100%)
- Green (98%)
- Blue (73%)



- Red (75%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3952, 93.2191, 60.5587 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 84.3952, 93.2191, 60.5587 by changing the saturation by 10% instead.


 84.3952, 93.2191,
60.5587

 84.3952, 93.2191,
60.5587


498.1385,
538.4478, 444.5158

 63.6626, 70.6536,
43.4409


 138.4463,
151.8019, 107.1910

 46.6381, 52.0596,
29.8972


172.4954,
188.5880, 137.5426

 32.9564, 37.0526,
19.5092

211.7141,
230.8832, 173.1425

 22.2521, 25.2482,
11.8583

256.4678,
279.0717, 214.4092

 14.1599, 16.2621,
6.5259

307.1217,
333.5380, 261.7614

 8.3144, 9.7098,
3.0935

364.0412,

 4.3503, 5.2070,

394.6666, 315.6175

1.1426

427.5917,
462.8417, 376.3961

■ 1.9021, 2.3692,
0.0000

■ 0.5781, 0.8100,
0.0000

■ 84.3952, 93.2191,
60.5587

■ 84.3952, 93.2191,
60.5587

■ 81.3260, 91.0682,
47.2425

■ 87.9596, 95.5838,
76.4336

■ 78.7194, 89.1083,
36.3441

■ 92.0360, 98.1594,
94.9865

■ 76.5497, 87.3324,
27.7179

95.0500, 100.0000,
108.9000

■ 74.7858, 85.7279,
21.2003

■ 73.3924, 84.2808,
16.6059

■ 72.3283, 82.9745,
13.7171

■ 71.5414, 81.7882,
12.2602

■ 71.3144, 81.4089,
11.9548

Harmonies

Analogous

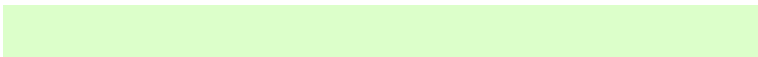
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3905, 93.2191, 60.7927



84.3952, 93.2191, 60.5587



77.0357, 93.2191, 69.9139

Triad

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



84.3952, 93.2191, 60.5587



76.7495, 93.2191, 140.2806



106.3723, 93.2191, 115.5790

Complementary

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



84.3952, 93.2191, 60.5587



57.3928, 55.4825, 102.2920

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.



101.2716, 93.2191, 141.4012



84.3952, 93.2191, 60.5587



83.9799, 93.2191, 157.2300

Square

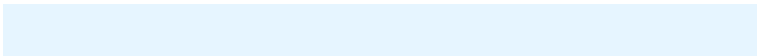
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3952, 93.2191, 60.5587



72.8288, 93.2191, 114.2424



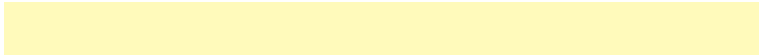
92.9462, 93.2191, 157.6718



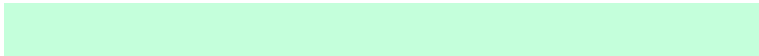
106.5024, 93.2191, 89.7418

Rectangle

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



84.3952, 93.2191, 60.5587



73.8743, 93.2191, 81.4179



92.9462, 93.2191, 157.6718



105.1674, 93.2191, 124.6387

Sweetspot

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



84.3975, 93.2233, 60.5607



91.4616, 97.8030, 92.3519



68.5995, 60.6371, 58.3471



19.4403, 20.8489, 19.1439



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

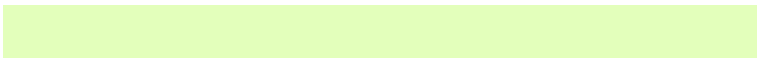
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3975, 93.2233, 60.5607



82.6997, 92.0488, 53.1469



76.3037, 91.3849, 60.6324



19.4403, 20.8489, 19.1439



37.3116, 42.6344, 6.2627



3.6656, 4.2166, 0.6207

Inverse Universe

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



57.3928, 55.4825, 102.2920



51.5710, 48.5476, 101.2603



63.9435, 57.2594, 102.2897



17.1101, 17.5919, 22.7437



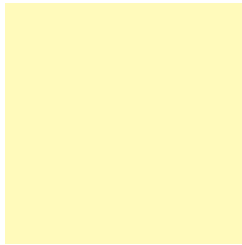
9.5892, 4.0879, 49.7182



0.9691, 0.4690, 4.8527

Previews

White Background



This preview shows how the XYZ color 84.3952, 93.2191, 60.5587 looks on a white background.

Color Contrast Check

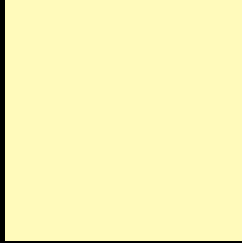
Large Text (above 18pt) WCAG AA × Fail

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 84.3952, 93.2191, 60.5587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

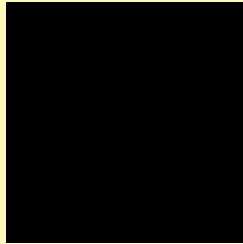
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3952, 93.2191, 60.5587

Background



This preview shows how black text looks on a background with the XYZ color 84.3952, 93.2191, 60.5587.

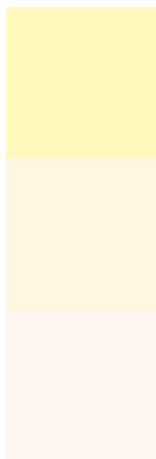


This preview shows how white text looks on a background with the XYZ color 84.3952, 93.2191,

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

84.3952, 93.2191, 60.5587

Protanopia

87.8200, 93.1092, 83.1553

Deuteranopia

89.7758, 93.4035, 94.9583



Tritanopia

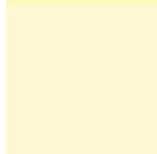
91.3203, 93.0532, 106.0765

Trichromacy



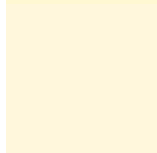
Original Color

84.3952, 93.2191, 60.5587



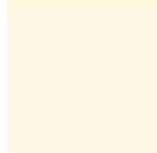
Protanomaly

86.4403, 93.0479, 74.3769



Deuteranomaly

87.4190, 92.9488, 81.0436



Tritanomaly

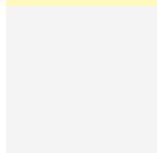
88.3386, 92.8287, 87.3905

Monochromacy



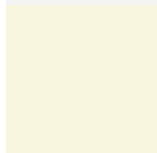
Original Color

84.3952, 93.2191, 60.5587



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.9864, 91.1957, 82.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3952, 93.2191, 60.5587 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 187) }
```

Border

The CSS property to change the border of an element to XYZ 84.3952, 93.2191, 60.5587 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, 187) }
```


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

```
.border{ border-color:rgb(255, 250, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3952, 93.2191, 60.5587 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
250, 187) }
```

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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