

Converting Colors

XYZ(98.2190, 100.0000,
61.3430)

Have a look what the booklet for
XYZ(98.2190, 100.0000, 61.3430)
contains.

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Color

**XYZ(84.0853, 92.5992,
60.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9BB
RGB	255, 249, 187
RGB Percent	100%, 98%, 73%
CMY	0.0000, 0.0235, 0.2667
CMYK	0.00, 0.02, 0.27, 0.00
HSL	55°, 100%, 87%
HSV	55°, 27%, 100%
XYZ	84.0853, 92.5992, 60.4554
YIQ	243.7260, 23.4780, -18.0100

Conversions

Conversions Part 2

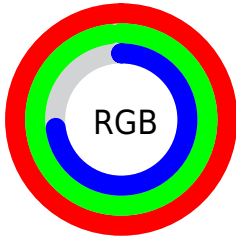
Format	Color
RYB	194, 255, 187
Decimal	16775611
CIELab	97.06, -7.36, 30.56
CIELCh	97, 31.431, 103.542
Yxy	92.5992, 0.3546, 0.3905
Android (android.graphics.Color)	4294965691 (0xFFFFF9BB)
YUV	243.7260, -27.9659, 9.8873
Hunter-Lab	96.2285, -12.4249, 30.1111

Details

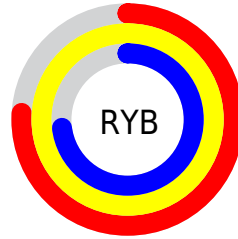
The XYZ color **84.0853, 92.5992, 60.4554** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.6131, 55.9232, 102.3655**, and the grayscale version is **85.9753, 90.4527, 98.5030**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **46.5923, 51.8392, 29.7406** is the 20% darker color. If you saturate the color by 10%, you get **80.9045, 90.2251, 47.1020**, and if you desaturate by 10%, it is **87.7638, 95.1921, 76.3684**.

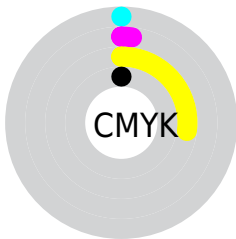
Distribution



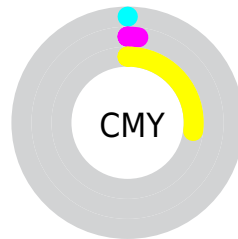
- Red (100%)
- Green (98%)
- Blue (73%)



- Red (76%)
- 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 84.0853, 92.5992, 60.4554 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 84.0853, 92.5992, 60.4554 by changing the saturation by 10% instead.


 84.0853, 92.5992,
60.4554

 84.0853, 92.5992,
60.4554


497.1258,
536.4502, 444.1255

 63.4058, 70.1384,
43.3581


 138.0151,
150.9436, 107.0398

 46.4295, 51.6394,
29.8327


171.9962,
187.5960, 137.3641

 32.7909, 36.7177,
19.4607


211.1418,
229.7477, 172.9343

 22.1248, 24.9890,
11.8234

255.8173,
277.7832, 214.1692

 14.0657, 16.0689,
6.5025

306.3882,
332.0868, 261.4872

 8.2484, 9.5729,
3.0793

363.2196,

 4.3074, 5.1167,

393.0429, 315.3069

1.1353

426.6771,
461.0359, 376.0468

■ 1.8775, 2.3159,
0.0000

■ 0.5637, 0.7821,
0.0000

■ 84.0853, 92.5992,
60.4554

■ 84.0853, 92.5992,
60.4554

■ 80.9045, 90.2251,
47.1020

■ 87.7638, 95.1921,
76.3684

■ 78.1888, 88.0470,
36.1672

■ 91.9569, 98.0010,
94.9601

■ 75.9125, 86.0580,
27.5055

95.0500, 100.0000,
108.9000

■ 74.0445, 84.2454,
20.9532

■ 72.5496, 82.5952,
16.3250

■ 71.3863, 81.0907,
13.4032

■ 70.5028, 79.7111,
11.9140

■ 70.2442, 79.2684,
11.5981

Harmonies

Analogous

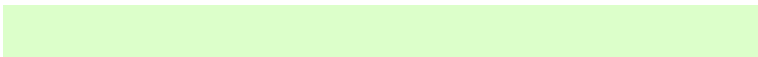
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9259, 92.5992, 60.9133



84.0853, 92.5992, 60.4554



76.7954, 92.5992, 69.4443

Triad

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



84.0853, 92.5992, 60.4554



76.2372, 92.5992, 138.2907



105.3747, 92.5992, 115.2825

Complementary

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



84.0853, 92.5992, 60.4554



57.6131, 55.9232, 102.3655

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.



100.2725, 92.5992, 140.4685



84.0853, 92.5992, 60.4554



83.2759, 92.5992, 155.2003

Square

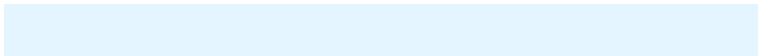
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0853, 92.5992, 60.4554



72.4738, 92.5992, 112.6809



92.0607, 92.5992, 156.0583



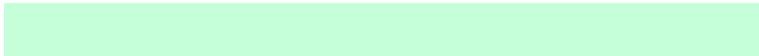
105.6278, 92.5992, 89.8310

Rectangle

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



84.0853, 92.5992, 60.4554



73.6309, 92.5992, 80.6196



92.0607, 92.5992, 156.0583



104.1550, 92.5992, 124.1518

Sweetspot

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



84.0876, 92.6033, 60.4573



91.3667, 97.6132, 92.3203



68.7262, 60.6878, 59.0141



19.4162, 20.8007, 19.1359



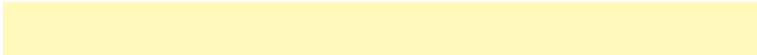
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

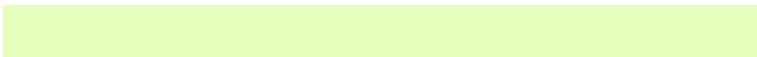
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0876, 92.6033, 60.4573



82.3298, 91.3091, 53.0236



76.6617, 91.5694, 60.6492



19.4162, 20.8007, 19.1359



36.7608, 41.5328, 6.0791



3.6178, 4.1209, 0.6047

Inverse Universe

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



57.6131, 55.9232, 102.3655



51.8133, 49.0322, 101.3410



63.6112, 57.0881, 102.2742



17.1317, 17.6350, 22.7509



9.6298, 4.1691, 49.7318



0.9793, 0.4893, 4.8561

Previews

White Background



This preview shows how the XYZ color 84.0853, 92.5992, 60.4554 looks on a white background.

Color Contrast Check

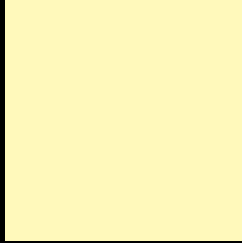
Large Text (above 18pt) WCAG AA × Fail

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 84.0853, 92.5992, 60.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

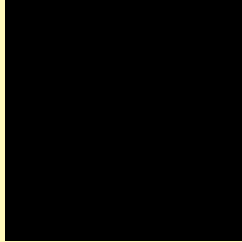
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0853, 92.5992, 60.4554

Background



This preview shows how black text looks on a background with the XYZ color 84.0853, 92.5992, 60.4554.



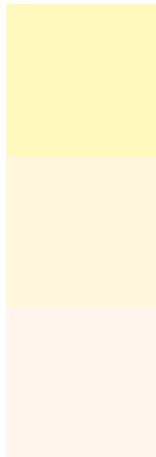
This preview shows how white text looks on a background with the XYZ color 84.0853, 92.5992,

60.4554.

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

84.0853, 92.5992, 60.4554

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

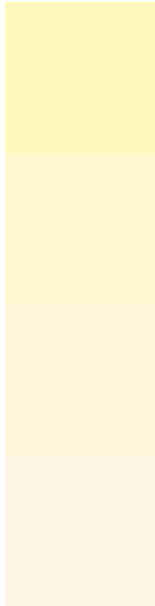
89.1785, 92.6792, 93.3094



Tritanopia

90.8613, 92.3895, 105.1395

Trichromacy



Original Color

84.0853, 92.5992, 60.4554

Protanomaly

85.8859, 92.3356, 72.9704

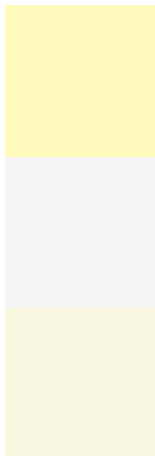
Deuteranomaly

86.9820, 92.2860, 80.2464

Tritanomaly

87.8960, 92.1663, 86.5560

Monochromacy



Original Color

84.0853, 92.5992, 60.4554

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 84.0853, 92.5992, 60.4554 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, 249, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 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, 249, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 187) }
```

Border

The CSS property to change the border of an element to XYZ 84.0853, 92.5992, 60.4554 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, 249, 187) }
```


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

```
.border{ border-color:rgb(255, 249, 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, 249, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0853, 92.5992, 60.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 187) }
```

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

```
.background{ background-color: rgb(255,  
249, 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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