

Converting Colors

XYZ(85.9933, 93.9776, 61.7163)

Have a look what the booklet for
XYZ(85.9933, 93.9776, 61.7163)
contains.

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Color

**XYZ(84.6109, 93.3053,
61.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFABD
RGB	255, 250, 189
RGB Percent	100%, 98%, 74%
CMY	0.0000, 0.0196, 0.2588
CMYK	0.00, 0.02, 0.26, 0.00
HSL	55°, 100%, 87%
HSV	55°, 26%, 100%
XYZ	84.6109, 93.3053, 61.6944
YIQ	244.5410, 22.5610, -17.9110

Conversions

Conversions Part 2

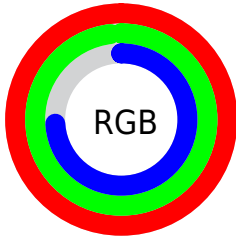
Format	Color
RYB	194, 255, 189
Decimal	16775869
CIELab	97.35, -7.60, 29.94
CIELCh	97, 30.885, 104.240
Yxy	93.3053, 0.3531, 0.3894
Android (android.graphics.Color)	4294965949 (0xFFFFFABD)
YUV	244.5410, -27.3817, 9.1725
Hunter-Lab	96.5947, -12.6858, 29.7481

Details

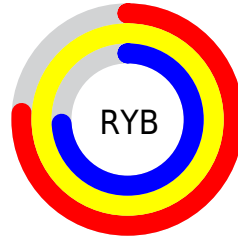
The XYZ color **84.6109, 93.3053, 61.6944** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.3277, 56.6209, 102.4625**, and the grayscale version is **86.6245, 91.1357, 99.2468**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **46.9537, 52.3386, 30.5493** is the 20% darker color. If you saturate the color by 10%, you get **81.4870, 91.1045, 48.1769**, and if you desaturate by 10%, it is **88.2321, 95.7212, 77.7809**.

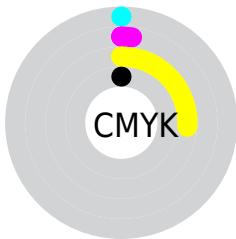
Distribution



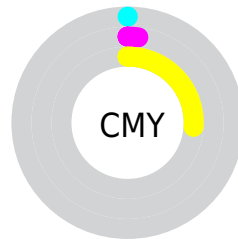
- Red (100%)
- Green (98%)
- Blue (74%)



- Red (76%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6109, 93.3053, 61.6944 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 84.6109, 93.3053, 61.6944 by changing the saturation by 10% instead.


 84.6109, 93.3053,
61.6944

 84.6109, 93.3053,
61.6944


498.8428,
538.7252, 448.7923

 63.8413, 70.7253,
44.3516


 138.7463,
151.9212, 108.8510

 46.7834, 52.1180,
30.6078


172.8428,
188.7259, 139.5020

 33.0717, 37.0992,
20.0444


212.1123,
231.0410, 175.4261

 22.3409, 25.2843,
12.2429

256.9202,
279.2508, 217.0418

 14.2256, 16.2890,
6.7848

307.6318,
333.7397, 264.7678

 8.3605, 9.7289,
3.2515

364.6126,

 4.3802, 5.2196,

394.8921, 319.0225

1.2244

428.2278,
463.0925, 380.2245

■ 1.9194, 2.3767,
0.0000

■ 0.5881, 0.8138,
0.0000

■ 84.6109, 93.3053,
61.6944

■ 84.6109, 93.3053,
61.6944

■ 81.4870, 91.1045,
48.1769

■ 88.2321, 95.7212,
77.7809

■ 78.8283, 89.0964,
37.0883

■ 92.3676, 98.3495,
96.5549

■ 76.6091, 87.2738,
28.2841

95.0500, 100.0000,
108.9000

■ 74.7985, 85.6244,
21.6022

■ 73.3619, 84.1343,
16.8591

■ 72.2583, 82.7871,
13.8403

■ 71.4373, 81.5626,
12.2797

■ 71.1508, 81.0817,
11.9003

Harmonies

Analogous

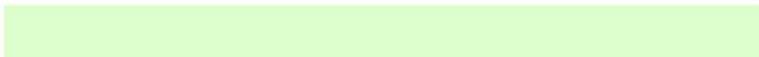
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3306, 93.3053, 61.9318



84.6109, 93.3053, 61.6944



77.4605, 93.3053, 70.8464

Triad

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



84.6109, 93.3053, 61.6944



77.1726, 93.3053, 139.0379



105.8742, 93.3053, 115.2450

Complementary

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



84.6109, 93.3053, 61.6944



58.3277, 56.6209, 102.4625

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.



100.9422, 93.3053, 140.1543



84.6109, 93.3053, 61.6944



84.1940, 93.3053, 155.3557

Square

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



84.6109, 93.3053, 61.6944



73.3612, 93.3053, 113.9082



92.8855, 93.3053, 155.7949



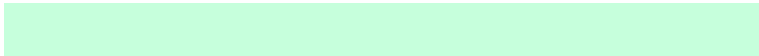
106.0042, 93.3053, 90.2002

Rectangle

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



84.6109, 93.3053, 61.6944



74.3833, 93.3053, 82.0658



92.8855, 93.3053, 155.7949



104.7091, 93.3053, 123.9967

Sweetspot

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



84.6132, 93.3094, 61.6964



91.4472, 97.7742, 92.3471



69.2322, 61.5738, 59.5711



19.4367, 20.8416, 19.1427



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

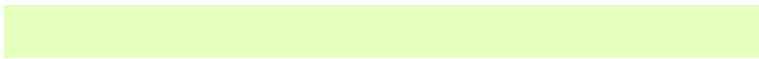
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6132, 93.3094, 61.6964



82.9530, 92.1556, 54.4641



76.7824, 91.6067, 61.7804



19.4367, 20.8416, 19.1427



37.2274, 42.4660, 6.2347



3.6583, 4.2020, 0.6183

Inverse Universe

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



58.3277, 56.6209, 102.4625



52.6570, 49.8720, 101.4587



64.7154, 58.2916, 102.4483



17.1134, 17.5984, 22.7448



9.5950, 4.0995, 49.7202



0.9707, 0.4720, 4.8532

Previews

White Background



This preview shows how the XYZ color 84.6109, 93.3053, 61.6944 looks on a white background.

Color Contrast Check

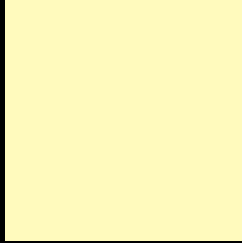
Large Text (above 18pt) WCAG AA × Fail

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 84.6109, 93.3053, 61.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

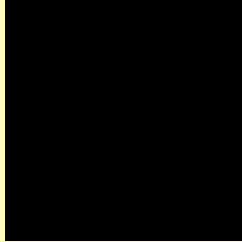
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6109, 93.3053, 61.6944

Background



This preview shows how black text looks on a background with the XYZ color 84.6109, 93.3053, 61.6944.



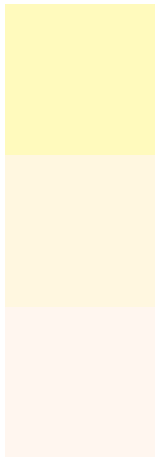
This preview shows how white text looks on a background with the XYZ color 84.6109, 93.3053,

61.6944.

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

84.6109, 93.3053, 61.6944

Protanopia

87.9553, 93.1633, 83.8676

Deuteranopia

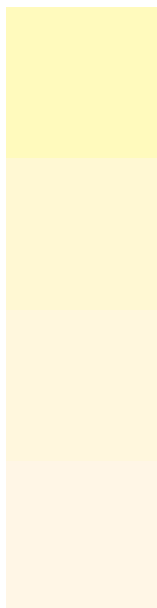
89.7758, 93.4035, 94.9583



Tritanopia

91.3203, 93.0532, 106.0765

Trichromacy



Original Color

84.6109, 93.3053, 61.6944

Protanomaly

86.5653, 93.0980, 75.0352

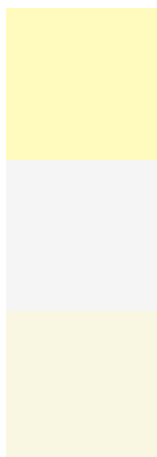
Deuteranomaly

87.5519, 93.0020, 81.7433

Tritanomaly

88.4787, 92.8847, 88.1281

Monochromacy



Original Color

84.6109, 93.3053, 61.6944

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9183, 92.0975, 84.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6109, 93.3053, 61.6944 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 189) }
```

Border

The CSS property to change the border of an element to XYZ 84.6109, 93.3053, 61.6944 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, 189) }
```


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

```
.border{ border-color:rgb(255, 250, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6109, 93.3053, 61.6944 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
250, 189) }
```

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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