

Converting Colors

XYZ(97.3534, 100.0000,
63.0116)

Have a look what the booklet for
XYZ(97.3534, 100.0000, 63.0116)
contains.

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Color

**XYZ(84.7199, 93.3489,
62.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFABE
RGB	255, 250, 190
RGB Percent	100%, 98%, 75%
CMY	0.0000, 0.0196, 0.2549
CMYK	0.00, 0.02, 0.25, 0.00
HSL	55°, 100%, 87%
HSV	55°, 25%, 100%
XYZ	84.7199, 93.3489, 62.2681
YIQ	244.6550, 22.2400, -17.6000

Conversions

Conversions Part 2

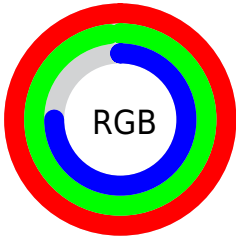
Format	Color
R_{YB}	195, 255, 190
Decimal	16775870
CIE _{Lab}	97.37, -7.47, 29.45
CIE _{LCh}	97, 30.386, 104.225
Yxy	93.3489, 0.3525, 0.3884
Android (android.graphics.Color)	4294965950 (0xFFFFFABE)
YUV	244.6550, -26.9449, 9.0726
Hunter-Lab	96.6172, -12.5604, 29.4207

Details

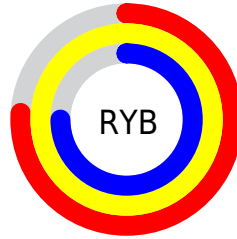
The XYZ color **84.7199, 93.3489, 62.2681** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.7999, 57.1958, 102.5485**, and the grayscale version is **86.7129, 91.2287, 99.3480**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **47.0244, 52.3669, 30.9219** is the 20% darker color. If you saturate the color by 10%, you get **81.5682, 91.1224, 48.6495**, and if you desaturate by 10%, it is **88.3700, 95.7913, 78.4608**.

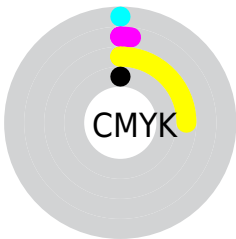
Distribution



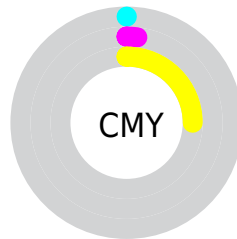
- Red (100%)
- Green (98%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7199, 93.3489, 62.2681 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 84.7199, 93.3489, 62.2681 by changing the saturation by 10% instead.


 84.7199, 93.3489,
62.2681

 84.7199, 93.3489,
62.2681

499.1984,
538.8655, 450.9430

 63.9317, 70.7615,
44.8122

 138.8978,
151.9816, 109.6883

 46.8568, 52.1476,
30.9676


173.0182,
188.7956, 140.4896

 33.1300, 37.1227,
20.3159


212.3134,
231.1208, 176.5765

 22.3857, 25.3025,
12.4386

257.1487,
279.3413, 218.3674

 14.2588, 16.3026,
6.9169

307.8895,
333.8416, 266.2810

 8.3838, 9.7385,
3.3326

364.9012,

 4.3953, 5.2259,

395.0062, 320.7358

1.2668

428.5490,
463.2194, 382.1503

■ 1.9281, 2.3804,
0.0344

■ 0.5931, 0.8158,
0.0000

■ 84.7199, 93.3489,
62.2681

■ 84.7199, 93.3489,
62.2681

■ 81.5682, 91.1224,
48.6495

■ 88.3700, 95.7913,
78.4608

■ 78.8830, 89.0893,
37.4653

■ 92.5354, 98.4468,
97.3458

■ 76.6385, 87.2427,
28.5717

95.0500, 100.0000,
108.9000

■ 74.8043, 85.5701,
21.8071

■ 73.3456, 84.0578,
16.9891

■ 72.2219, 82.6894,
13.9046

■ 71.3831, 81.4449,
12.2902

■ 71.0656, 80.9111,
11.8719

Harmonies

Analogous

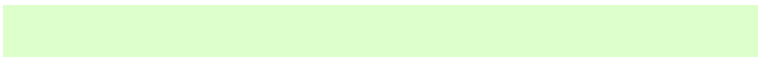
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3016, 93.3489, 62.5078



84.7199, 93.3489, 62.2681



77.6743, 93.3489, 71.3157

Triad

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



84.7199, 93.3489, 62.2681



77.3850, 93.3489, 138.4180



105.6258, 93.3489, 115.0803

Complementary

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



84.7199, 93.3489, 62.2681



58.7999, 57.1958, 102.5485

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.



100.7777, 93.3489, 139.5350



84.7199, 93.3489, 62.2681



84.3012, 93.3489, 154.4234

Square

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



84.7199, 93.3489, 62.2681



73.6288, 93.3489, 113.7401



92.8551, 93.3489, 154.8624



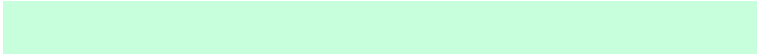
105.7560, 93.3489, 90.4321

Rectangle

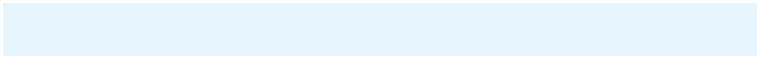
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7199, 93.3489, 62.2681



74.6394, 93.3489, 82.3905



92.8551, 93.3489, 154.8624



104.4805, 93.3489, 123.6784

Sweetspot

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



84.7221, 93.3530, 62.2701



91.4397, 97.7592, 92.3446



69.5517, 62.0470, 60.1888



19.4348, 20.8377, 19.1421



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

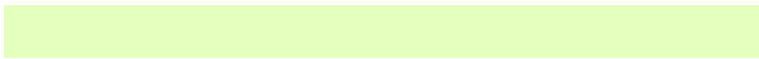
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7221, 93.3530, 62.2701



82.9246, 92.0987, 54.4546



77.0233, 91.7183, 62.3603



19.4348, 20.8377, 19.1421



37.1835, 42.3783, 6.2200



3.6545, 4.1944, 0.6170

Inverse Universe

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



58.7999, 57.1958, 102.5485



52.6759, 49.9097, 101.4650



65.1044, 58.8126, 102.5283



17.1151, 17.6018, 22.7454



9.5980, 4.1057, 49.7212



0.9715, 0.4736, 4.8535

Previews

White Background



This preview shows how the XYZ color 84.7199, 93.3489, 62.2681 looks on a white background.

Color Contrast Check

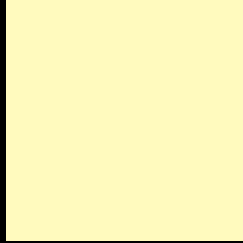
Large Text (above 18pt) WCAG AA × Fail

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 84.7199, 93.3489, 62.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

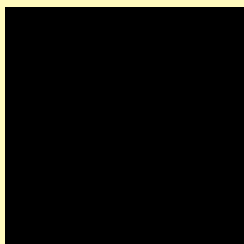
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.7199, 93.3489, 62.2681

Background



This preview shows how black text looks on a background with the XYZ color 84.7199, 93.3489, 62.2681.

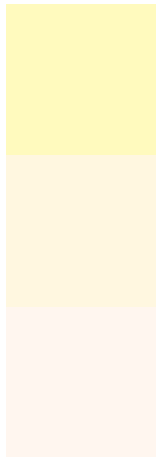


This preview shows how white text looks on a background with the XYZ color 84.7199, 93.3489,

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

84.7199, 93.3489, 62.2681

Protanopia

87.9553, 93.1633, 83.8676

Deuteranopia

89.7758, 93.4035, 94.9583



Tritanopia

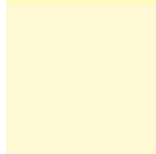
91.3203, 93.0532, 106.0765

Trichromacy



Original Color

84.7199, 93.3489, 62.2681



Protanomaly

86.6911, 93.1483, 75.6977



Deuteranomaly

87.5519, 93.0020, 81.7433



Tritanomaly

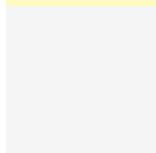
88.4787, 92.8847, 88.1281

Monochromacy



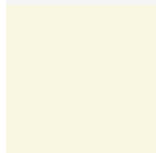
Original Color

84.7199, 93.3489, 62.2681



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 84.7199, 93.3489, 62.2681 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 190) }
```

Border

The CSS property to change the border of an element to XYZ 84.7199, 93.3489, 62.2681 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, 190) }
```


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

```
.border{ border-color:rgb(255, 250, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7199, 93.3489, 62.2681 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
250, 190) }
```

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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