

Converting Colors

XYZ(84.6607, 94.9163, 55.4024)

Have a look what the booklet for
XYZ(84.6607, 94.9163, 55.4024)
contains.

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Color

**XYZ(84.3011, 94.6849,
55.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDB1
RGB	255, 253, 177
RGB Percent	100%, 99%, 69%
CMY	0.0000, 0.0078, 0.3059
CMYK	0.00, 0.01, 0.31, 0.00
HSL	58°, 100%, 85%
HSV	58°, 31%, 100%
XYZ	84.3011, 94.6849, 55.4278
YIQ	244.9340, 25.5880, -23.2120

Conversions

Conversions Part 2

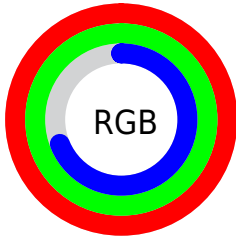
Format	Color
RYB	179, 255, 177
Decimal	16776625
CIELab	97.91, -10.58, 36.70
CIELCh	98, 38.194, 106.084
Yxy	94.6849, 0.3596, 0.4039
Android (android.graphics.Color)	4294966705 (0xFFFFFDB1)
YUV	244.9340, -33.4915, 8.8279
Hunter-Lab	97.3062, -15.6425, 34.3414

Details

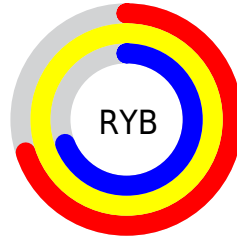
The XYZ color **84.3011, 94.6849, 55.4278** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **52.3013, 48.8059, 101.2717**, and the grayscale version is **86.9865, 91.5165, 99.6615**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **46.4040, 52.8054, 26.8155** is the 20% darker color. If you saturate the color by 10%, you get **81.7888, 93.3546, 43.2010**, and if you desaturate by 10%, it is **87.2937, 96.2150, 70.1600**.

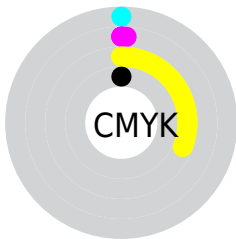
Distribution



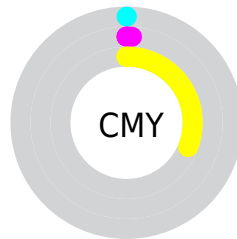
- Red (100%)
- Green (99%)
- Blue (69%)



- Red (70%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3011, 94.6849, 55.4278 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 84.3011, 94.6849, 55.4278 by changing the saturation by 10% instead.


 84.3011, 94.6849,
55.4278

 84.3011, 94.6849,
55.4278


497.8312,
543.1557, 424.8591

 63.5846, 71.8727,
39.3434


 138.3154,
153.8292, 99.6449

 46.5747, 53.0547,
26.7171


172.3439,
190.9302, 128.6147

 32.9061, 37.8465,
17.1303


211.5404,
233.5628, 162.7167

 22.2134, 25.8635,
10.1645

256.2703,
282.1116, 202.3695

 14.1313, 16.7216,
5.4011

306.8990,
336.9609, 247.9916

 8.2944, 10.0362,
2.4217

363.7918,

 4.3373, 5.4230,

398.4951, 300.0015

0.7982

427.3141,
467.0986, 358.8179

■ 1.8946, 2.4975,
0.0000

■ 0.5737, 0.8754,
0.0000

■ 84.3011, 94.6849,
55.4278

■ 84.3011, 94.6849,
55.4278

■ 81.7888, 93.3546,
43.2010

■ 87.2937, 96.2150,
70.1600

■ 79.7233, 92.2009,
33.3342

■ 90.7842, 97.9421,
87.5204

■ 78.0779, 91.2163,
25.6758

94.7976, 99.8795,
107.6310

■ 76.8200, 90.3879,
20.0548

95.0500, 100.0000,
108.9000

■ 75.9124, 89.7007,
16.2746

■ 75.3103, 89.1368,
14.1001

■ 74.9560, 88.6921,
13.1687

Harmonies

Analogous

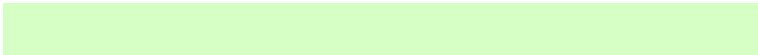
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1414, 94.6849, 55.0394



84.3011, 94.6849, 55.4278



75.6979, 94.6849, 66.7503

Triad

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



84.3011, 94.6849, 55.4278



76.1996, 94.6849, 152.7783



111.9592, 94.6849, 118.2492

Complementary

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



84.3011, 94.6849, 55.4278



52.3013, 48.8059, 101.2717

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.



105.9880, 94.6849, 150.6966



84.3011, 94.6849, 55.4278



85.0379, 94.6849, 173.1944

Square

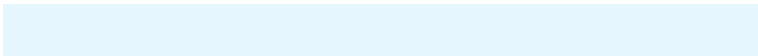
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3011, 94.6849, 55.4278



71.2856, 94.6849, 120.6736



95.9400, 94.6849, 172.3636



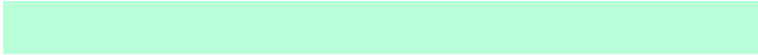
111.7216, 94.6849, 87.3136

Rectangle

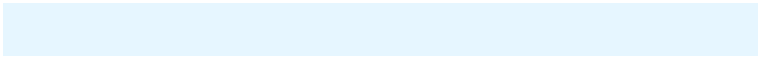
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3011, 94.6849, 55.4278



72.1289, 94.6849, 80.5830



95.9400, 94.6849, 172.3636



110.5920, 94.6849, 129.4536

Sweetspot

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



84.3034, 94.6891, 55.4298



91.3858, 98.2354, 90.5260



65.1604, 55.9843, 50.3396



19.4422, 20.9688, 18.7860



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

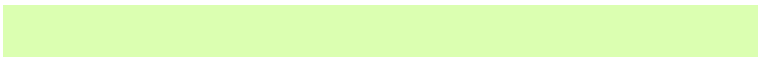
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3034, 94.6891, 55.4298



82.6377, 93.8120, 47.3087



72.7896, 89.6927, 55.0722



19.5191, 21.0063, 19.1702



39.1841, 46.3794, 6.8869



3.8273, 4.5400, 0.6746

Inverse Universe

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



52.3013, 48.8059, 101.2717



45.7856, 40.9769, 100.1039



61.3297, 52.8714, 101.5805



17.0402, 17.4521, 22.7204



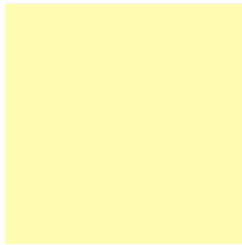
9.4846, 3.8787, 49.6834



0.9360, 0.4027, 4.8417

Previews

White Background



This preview shows how the XYZ color 84.3011, 94.6849, 55.4278 looks on a white background.

Color Contrast Check

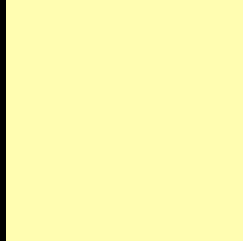
Large Text (above 18pt) WCAG AA × Fail

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 84.3011, 94.6849, 55.4278 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 84.3011, 94.6849, 55.4278

Background



This preview shows how black text looks on a background with the XYZ color 84.3011, 94.6849, 55.4278.



This preview shows how white text looks on a background with the XYZ color 84.3011, 94.6849,

55.4278.

Color Blindness Simulation

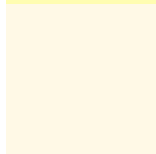
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



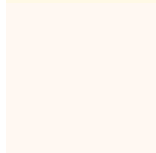
Original Color

84.3011, 94.6849, 55.4278



Protanopia

89.3986, 94.7245, 88.4348



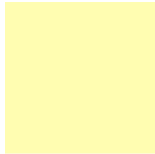
Deuteranopia

90.8344, 94.8056, 97.5162

Tritanopia

92.2304, 94.8734, 106.3798

Trichromacy



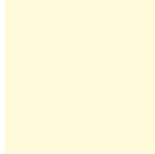
Original Color

84.3011, 94.6849, 55.4278



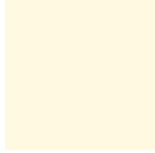
Protanomaly

87.1835, 94.3344, 75.2413



Deuteranomaly

88.0805, 94.6932, 79.9649



Tritanomaly

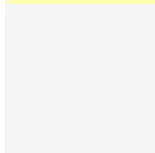
88.7063, 94.4476, 84.7891

Monochromacy



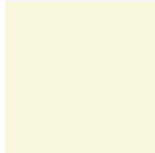
Original Color

84.3011, 94.6849, 55.4278



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.5526, 92.4418, 81.0441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3011, 94.6849, 55.4278 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, 253, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 177)  
}
```

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, 253, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 177) }
```

Border

The CSS property to change the border of an element to XYZ 84.3011, 94.6849, 55.4278 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, 253, 177) }
```


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

```
.border{ border-color:rgb(255, 253, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3011, 94.6849, 55.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 177) }
```

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

```
.background{ background-color: rgb(255,  
253, 177) }
```

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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