

Converting Colors

XYZ(95.1554, 100.0000,
56.5041)

Have a look what the booklet for
XYZ(95.1554, 100.0000, 56.5041)
contains.

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Color

**XYZ(84.0863, 94.0952,
55.8498)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCB2
RGB	255, 252, 178
RGB Percent	100%, 99%, 70%
CMY	0.0000, 0.0117, 0.3020
CMYK	0.00, 0.01, 0.30, 0.00
HSL	58°, 100%, 85%
HSV	58°, 30%, 100%
XYZ	84.0863, 94.0952, 55.8498
YIQ	244.4610, 25.5420, -22.3780

Conversions

Conversions Part 2

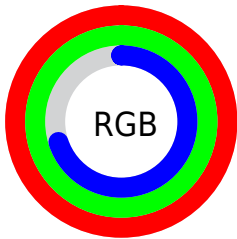
Format	Color
RYB	181, 255, 178
Decimal	16776370
CIELab	97.67, -9.97, 35.89
CIELCh	98, 37.245, 105.524
Yxy	94.0952, 0.3593, 0.4021
Android (android.graphics.Color)	4294966450 (0xFFFFFCB2)
YUV	244.4610, -32.7653, 9.2427
Hunter-Lab	97.0027, -15.0228, 33.7653

Details

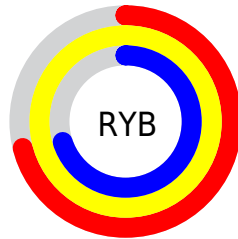
The XYZ color **84.0863, 94.0952, 55.8498** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.9336, 49.7313, 101.4169**, and the grayscale version is **86.6005, 91.1105, 99.2193**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **46.4676, 52.8308, 27.1503** is the 20% darker color. If you saturate the color by 10%, you get **81.4507, 92.5474, 43.4925**, and if you desaturate by 10%, it is **87.2041, 95.8451, 70.7181**.

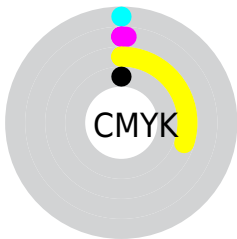
Distribution



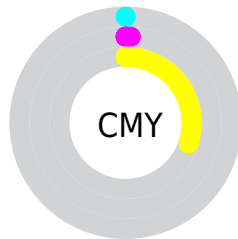
- Red (100%)
- Green (99%)
- Blue (70%)



- Red (71%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0863, 94.0952, 55.8498 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 84.0863, 94.0952, 55.8498 by changing the saturation by 10% instead.


 84.0863, 94.0952,
55.8498

 84.0863, 94.0952,
55.8498


497.1291,
541.2643, 426.4976

 63.4066, 71.3821,
39.6793


 138.0165,
153.0140, 100.2685

 46.4301, 52.6541,
26.9767


171.9978,
189.9885, 129.3539

 32.7914, 37.5267,
17.3235


211.1437,
232.4857, 163.5813

 22.1252, 25.6156,
10.3010

255.8194,
280.8898, 203.3692

 14.0660, 16.5363,
5.4908

306.3905,
335.5853, 249.1363

 8.2486, 9.9044,
2.4743

363.2223,

 4.3076, 5.3356,

396.9567, 301.3010

0.8265

426.6800,
465.3882, 360.2819

■ 1.8776, 2.4455,
0.0000

■ 0.5638, 0.8492,
0.0000

■ 84.0863, 94.0952,
55.8498

■ 84.0863, 94.0952,
55.8498

■ 81.4507, 92.5474,
43.4925

■ 87.2041, 95.8451,
70.7181

■ 79.2640, 91.1784,
33.5010

■ 90.8216, 97.7941,
88.2198

■ 77.4994, 89.9810,
25.7248

94.9638, 99.9556,
108.4765

■ 76.1247, 88.9420,
19.9932

95.0500, 100.0000,
108.9000

■ 75.1026, 88.0467,
16.1111

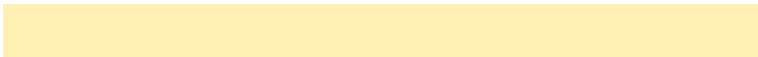
■ 74.3891, 87.2773,
13.8453

■ 73.9186, 86.6172,
12.8229

Harmonies

Analogous

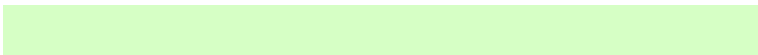
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6305, 94.0952, 55.6655



84.0863, 94.0952, 55.8498



75.6567, 94.0952, 66.7371

Triad

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



84.0863, 94.0952, 55.8498



75.8929, 94.0952, 150.0398



110.6718, 94.0952, 117.7597

Complementary

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



84.0863, 94.0952, 55.8498



52.9336, 49.7313, 101.4169

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.



104.7914, 94.0952, 149.0678



84.0863, 94.0952, 55.8498



84.4326, 94.0952, 170.0556

Square

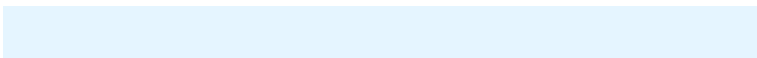
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0863, 94.0952, 55.8498



71.1874, 94.0952, 118.8955



95.0051, 94.0952, 169.6683



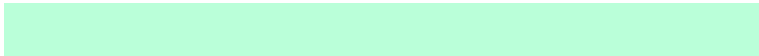
110.5606, 94.0952, 87.6021

Rectangle

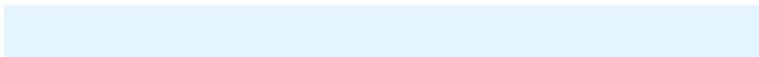
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0863, 94.0952, 55.8498



72.1267, 94.0952, 80.1086



95.0051, 94.0952, 169.6683



109.3112, 94.0952, 128.6096

Sweetspot

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



84.0886, 94.0994, 55.8518



91.2886, 98.0411, 90.4936



65.5891, 56.4730, 51.6194



19.4180, 20.9206, 18.7780



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

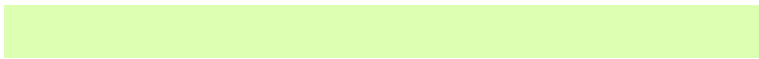
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0886, 94.0994, 55.8518



82.5008, 93.1756, 48.3808



73.4177, 90.0049, 55.6239



19.4971, 20.9624, 19.1629



38.6508, 45.3129, 6.7092



3.7814, 4.4482, 0.6593

Inverse Universe

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



52.9336, 49.7313, 101.4169



46.9717, 42.5805, 100.3509



61.3104, 53.1558, 101.6364



17.0596, 17.4909, 22.7269



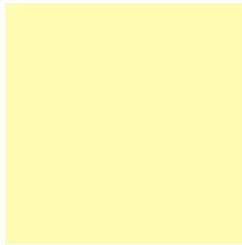
9.5122, 3.9340, 49.6926



0.9452, 0.4211, 4.8447

Previews

White Background



This preview shows how the XYZ color 84.0863, 94.0952, 55.8498 looks on a white background.

Color Contrast Check

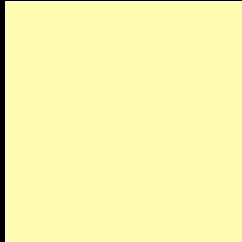
Large Text (above 18pt) WCAG AA × Fail

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 84.0863, 94.0952, 55.8498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

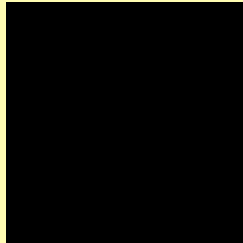
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0863, 94.0952, 55.8498

Background



This preview shows how black text looks on a background with the XYZ color 84.0863, 94.0952, 55.8498.

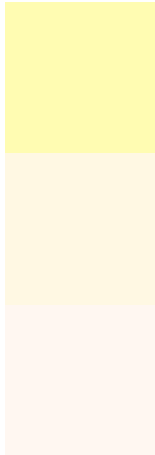


This preview shows how white text looks on a background with the XYZ color 84.0863, 94.0952,

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

84.0863, 94.0952, 55.8498

Protanopia

88.6725, 93.9409, 86.1319

Deuteranopia

90.3779, 94.1324, 96.6250



Tritanopia

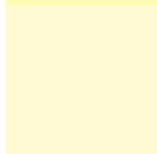
91.9254, 94.2634, 106.2782

Trichromacy



Original Color

84.0863, 94.0952, 55.8498



Protanomaly

86.6243, 93.6148, 73.8255



Deuteranomaly

87.7706, 94.0733, 79.8616



Tritanomaly

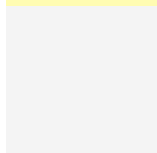
88.5349, 93.8858, 85.4070

Monochromacy



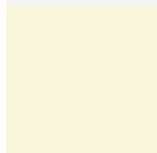
Original Color

84.0863, 94.0952, 55.8498



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.8904, 91.6453, 80.9253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0863, 94.0952, 55.8498 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, 252, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 178)  
}
```

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, 252, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 178) }
```

Border

The CSS property to change the border of an element to XYZ 84.0863, 94.0952, 55.8498 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, 252, 178) }
```


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

```
.border{ border-color:rgb(255, 252, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0863, 94.0952, 55.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 178) }
```

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

```
.background{ background-color: rgb(255,  
252, 178) }
```

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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