

Converting Colors

XYZ(83.4938, 92.8124, 55.9541)

Have a look what the booklet for
XYZ(83.4938, 92.8124, 55.9541)
contains.

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Color

**XYZ(83.5623, 92.8859,
56.1724)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAB3
RGB	255, 250, 179
RGB Percent	100%, 98%, 70%
CMY	0.0000, 0.0196, 0.2980
CMYK	0.00, 0.02, 0.30, 0.00
HSL	56°, 100%, 85%
HSV	56°, 30%, 100%
XYZ	83.5623, 92.8859, 56.1724
YIQ	243.4010, 25.7710, -21.0210

Conversions

Conversions Part 2

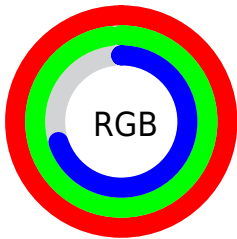
Format	Color
RYB	184, 255, 179
Decimal	16775859
CIELab	97.18, -8.86, 34.74
CIELCh	97, 35.847, 104.308
Yxy	92.8859, 0.3592, 0.3993
Android (android.graphics.Color)	4294965939 (0xFFFFFAB3)
YUV	243.4010, -31.7497, 10.1723
Hunter-Lab	96.3773, -13.8950, 32.9076

Details

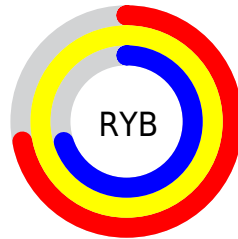
The XYZ color **83.5623, 92.8859, 56.1724** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.7806, 51.0833, 101.6333**, and the grayscale version is **85.7436, 90.2089, 98.2375**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **46.0836, 51.9602, 27.3391** is the 20% darker color. If you saturate the color by 10%, you get **80.7006, 90.9151, 43.6500**, and if you desaturate by 10%, it is **86.9101, 95.0650, 71.2119**.

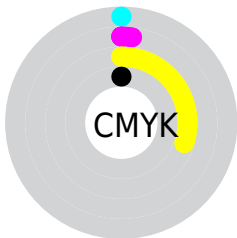
Distribution



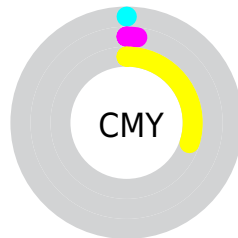
- Red (100%)
- Green (98%)
- Blue (70%)



- Red (72%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.5623, 92.8859, 56.1724 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 83.5623, 92.8859, 56.1724 by changing the saturation by 10% instead.

83.5623, 92.8859,
56.1724

83.5623, 92.8859,
56.1724

495.4142,
537.3745, 427.7474

62.9726, 70.3767,
39.9362

137.2872,
151.3406, 100.7449

46.0776, 51.8337,
27.1754

171.1531,
188.0549, 129.9183

32.5120, 36.8725,
17.4714

210.1751,
230.2730, 164.2413

21.9103, 25.1088,
10.4057

254.7185,
278.3793, 204.1323

13.9072, 16.1581,
5.5596

305.1488,
332.7583, 250.0098

8.1374, 9.6361,
2.5148

361.8313,

4.2356, 5.1584,

393.7942, 302.2925

0.8480

425.1313,
461.8715, 361.3989

■ 1.8362, 2.3405,
0.0000

■ 0.5394, 0.7950,
0.0000

■ 83.5623, 92.8859,
56.1724

■ 83.5623, 92.8859,
56.1724

■ 80.7006, 90.9151,
43.6500

■ 86.9101, 95.0650,
71.2119

■ 78.2920, 89.1296,
33.5002

■ 90.7615, 97.4498,
88.8907

■ 76.3096, 87.5221,
25.5729

95.0500, 100.0000,
108.9000

■ 74.7215, 86.0795,
19.6984

■ 73.4905, 84.7871,
15.6826

■ 72.5729, 83.6274,
13.2941

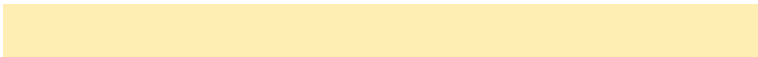
■ 71.8983, 82.5722,
12.1630

■ 71.8859, 82.5519,
12.1453

Harmonies

Analogous

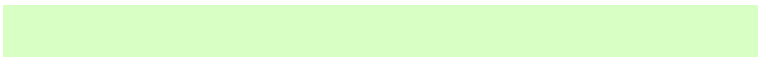
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6541, 92.8859, 56.4080



83.5623, 92.8859, 56.1724



75.3767, 92.8859, 66.2657

Triad

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



83.5623, 92.8859, 56.1724



75.0782, 92.8859, 145.2796



108.3782, 92.8859, 116.9727

Complementary

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



83.5623, 92.8859, 56.1724



53.7806, 51.0833, 101.6333

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.



102.5893, 92.8859, 146.4942



83.5623, 92.8859, 56.1724



83.1256, 92.8859, 164.8456

Square

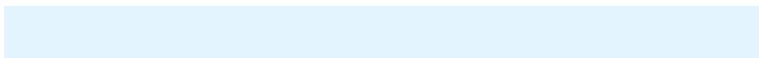
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5623, 92.8859, 56.1724



70.7382, 92.8859, 115.5466



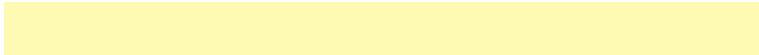
93.1829, 92.8859, 165.3284



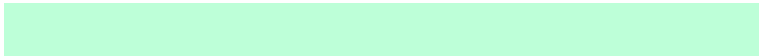
108.5177, 92.8859, 87.9780

Rectangle

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



83.5623, 92.8859, 56.1724



71.8833, 92.8859, 78.8469



93.1829, 92.8859, 165.3284



107.0098, 92.8859, 127.2756

Sweetspot

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



83.5646, 92.8900, 56.1743



91.0934, 97.6507, 90.4285



66.0195, 56.9647, 52.9010



19.3696, 20.8236, 18.7618



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

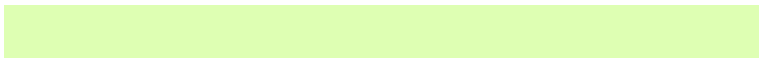
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.5646, 92.8900, 56.1743



81.7347, 91.6432, 48.1254



74.0419, 90.3151, 56.1792



19.4530, 20.8742, 19.1482



37.6056, 43.2224, 6.3607



3.6911, 4.2676, 0.6292

Inverse Universe

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



53.7806, 51.0833, 101.6333



47.4264, 43.4899, 100.5025



61.3031, 53.4485, 101.6933



17.0988, 17.5692, 22.7399



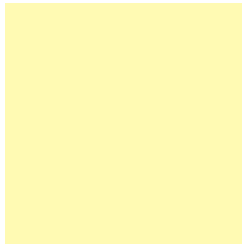
9.5700, 4.0495, 49.7118



0.9638, 0.4583, 4.8509

Previews

White Background



This preview shows how the XYZ color 83.5623, 92.8859, 56.1724 looks on a white background.

Color Contrast Check

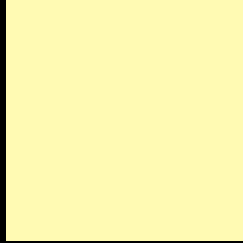
Large Text (above 18pt) WCAG AA × Fail

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 83.5623, 92.8859, 56.1724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

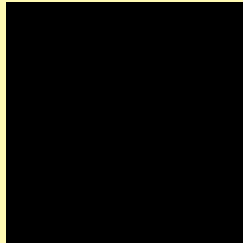
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.5623, 92.8859, 56.1724

Background



This preview shows how black text looks on a background with the XYZ color 83.5623, 92.8859, 56.1724.

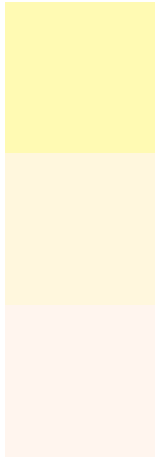


This preview shows how white text looks on a background with the XYZ color 83.5623, 92.8859,

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

83.5623, 92.8859, 56.1724

Protanopia

87.5519, 93.0020, 81.7433

Deuteranopia

89.3250, 92.7379, 94.0812



Tritanopia

91.1614, 92.9896, 105.2395

Trichromacy



Original Color

83.5623, 92.8859, 56.1724



Protanomaly

85.9480, 92.8510, 71.7846



Deuteranomaly

87.0251, 92.7913, 78.9694



Tritanomaly

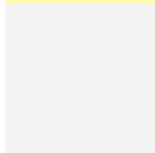
87.7864, 92.6078, 84.4824

Monochromacy



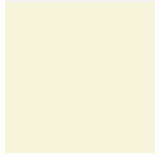
Original Color

83.5623, 92.8859, 56.1724



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

84.2318, 90.8530, 80.8070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.5623, 92.8859, 56.1724 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 179) }
```

Border

The CSS property to change the border of an element to XYZ 83.5623, 92.8859, 56.1724 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, 179) }
```


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

```
.border{ border-color:rgb(255, 250, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 83.5623, 92.8859, 56.1724 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
250, 179) }
```

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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