

Converting Colors

XYZ(78.9207, 83.6830, 54.3778)

Have a look what the booklet for
XYZ(78.9207, 83.6830, 54.3778)
contains.

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Color

**XYZ(79.0850, 83.9313,
54.6800)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEBB3 |
| RGB | 255, 235, 179 |
| RGB Percent | 100%, 92%, 70% |
| CMY | 0.0000, 0.0784, 0.2980 |
| CMYK | 0.00, 0.08, 0.30, 0.00 |
| HSL | 44°, 100%, 85% |
| HSV | 44°, 30%, 100% |
| XYZ | 79.0850, 83.9313, 54.6800 |
| YIQ | 234.5960, 29.8960, -13.1760 |

Conversions

Conversions Part 2

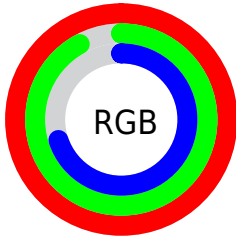
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 255, 179 |
| Decimal | 16772019 |
| CIE Lab | 93.42, -1.36, 29.68 |
| CIE LCh | 93, 29.716, 92.627 |
| Yxy | 83.9313, 0.3633, 0.3855 |
| Android (android.graphics.Color) | 4294962099 (0xFFFFEBB3) |
| YUV | 234.5960, -27.4088, 17.8943 |
| Hunter-Lab | 91.6140, -6.2360, 28.7425 |

Details

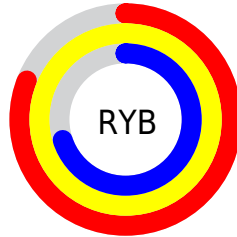
The XYZ color **79.0850, 83.9313, 54.6800** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.0634, 57.6489, 102.7275**, and the grayscale version is **78.8460, 82.9521, 90.3349**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **42.9120, 45.6169, 26.2819** is the 20% darker color. If you saturate the color by 10%, you get **74.8567, 79.2273, 41.7020**, and if you desaturate by 10%, it is **83.8668, 88.9785, 70.1974**.

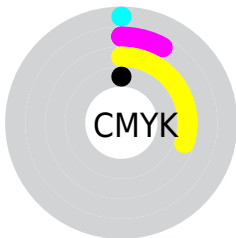
Distribution



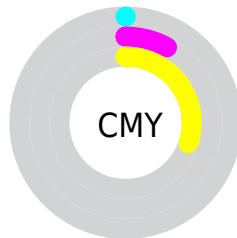
- Red (100%)
- Green (92%)
- Blue (70%)



- Red (81%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0850, 83.9313, 54.6800 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 79.0850, 83.9313, 54.6800 by changing the saturation by 10% instead.


 79.0850, 83.9313,
54.6800

 79.0850, 83.9313,
54.6800


480.6275,
508.0851, 421.9455

 59.2716, 62.9587,
38.7487


 131.0358,
138.8791, 98.5384

 43.0790, 45.8078,
26.2580


163.9039,
173.6230, 127.3026

 30.1419, 32.0942,
16.7892


201.8543,
213.7263, 161.1815

 20.0949, 21.4335,
9.9240

245.2522,
259.5732, 200.5936

 12.5727, 13.4412,
5.2436

294.4632,
311.5481, 245.9575

 7.2099, 7.7331,
2.3297

349.8525,

 3.6412, 3.9246,

370.0355, 297.6918

0.7478

411.7855,
435.4197, 356.2149

■ 1.5012, 1.6315,
0.0000

■ 0.3267, 0.3787,
0.0000

■ 79.0850, 83.9313,
54.6800

■ 79.0850, 83.9313,
54.6800

■ 74.8567, 79.2273,
41.7020

■ 83.8668, 88.9785,
70.1974

■ 71.1487, 74.8432,
31.1191

■ 89.2210, 94.3688,
88.3771

■ 67.9333, 70.7694,
22.7807

95.0500, 100.0000,
108.9000

■ 65.1775, 66.9916,
16.5170

■ 62.8435, 63.4932,
12.1335

■ 60.8867, 60.2551,
9.3987

■ 59.2359, 57.2473,
7.9422

■ 59.2049, 57.1898,
7.9183

Harmonies

Analogous

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



86.9098, 83.9313, 58.1520



79.0850, 83.9313, 54.6800



71.9173, 83.9313, 59.6288

Triad

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



79.0850, 83.9313, 54.6800



67.7370, 83.9313, 116.7039



93.9277, 83.9313, 112.7146

Complementary

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



79.0850, 83.9313, 54.6800



57.0634, 57.6489, 102.7275

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.



88.1835, 83.9313, 132.7944



79.0850, 83.9313, 54.6800



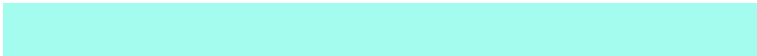
73.0403, 83.9313, 135.3501

Square

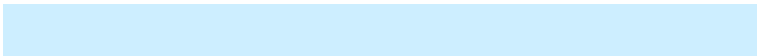
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0850, 83.9313, 54.6800



65.6395, 83.9313, 93.3807



80.4674, 83.9313, 141.6694



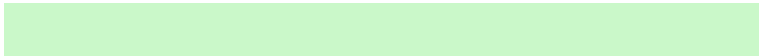
95.8049, 83.9313, 89.4217

Rectangle

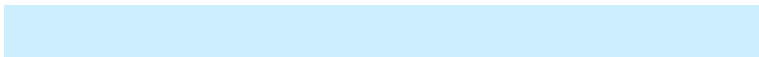
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0850, 83.9313, 54.6800



68.3811, 83.9313, 67.6006



80.4674, 83.9313, 141.6694



92.3672, 83.9313, 120.1856

Sweetspot

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



79.0871, 83.9351, 54.6817



89.6766, 94.8171, 89.9562



67.7005, 57.6371, 61.7531



19.0184, 20.1213, 18.6448



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

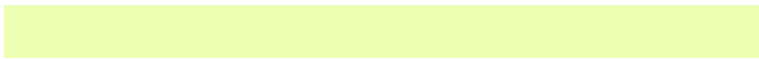
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0871, 83.9351, 54.6817



76.4025, 80.9789, 46.3480



78.9112, 92.8253, 56.4070



19.1331, 20.2344, 19.0415



31.0642, 30.1396, 4.1803



3.1138, 3.1129, 0.4367

Inverse Universe

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



57.0634, 57.6489, 102.7275



51.0401, 50.7174, 101.7071



57.1272, 51.2957, 101.4979



17.3916, 18.1547, 22.8375



10.5856, 6.0808, 50.0504



1.1152, 0.7612, 4.9014

Previews

White Background



This preview shows how the XYZ color 79.0850, 83.9313, 54.6800 looks on a white background.

Color Contrast Check

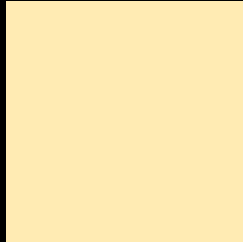
Large Text (above 18pt) WCAG AA × Fail

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 79.0850, 83.9313, 54.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

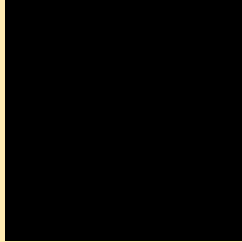
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0850, 83.9313, 54.6800

Background



This preview shows how black text looks on a background with the XYZ color 79.0850, 83.9313, 54.6800.



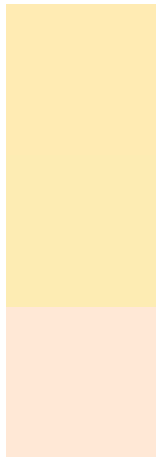
This preview shows how white text looks on a background with the XYZ color 79.0850, 83.9313,

54.6800.

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

79.0850, 83.9313, 54.6800

Protanopia

78.6401, 84.1282, 54.7414

Deuteranopia

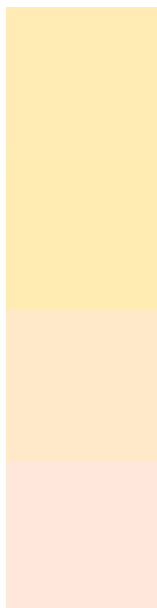
82.2342, 83.8283, 75.4646



Tritanopia

85.2863, 83.7094, 95.6669

Trichromacy



Original Color

79.0850, 83.9313, 54.6800

Protanomaly

79.0052, 84.3164, 54.7585

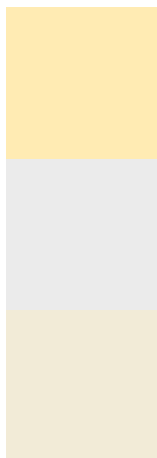
Deuteranomaly

80.9215, 83.7549, 67.1596

Tritanomaly

82.6021, 83.5263, 78.7864

Monochromacy



Original Color

79.0850, 83.9313, 54.6800

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.5920, 83.2002, 76.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0850, 83.9313, 54.6800 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, 235, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 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, 235, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 179) }
```

Border

The CSS property to change the border of an element to XYZ 79.0850, 83.9313, 54.6800 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, 235, 179) }
```


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

```
.border{ border-color:rgb(255, 235, 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, 235, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 235, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 235, 179); box-shadow:4px 4px 4px 4px rgb(255, 235, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0850, 83.9313, 54.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 179) }
```

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

```
.background{ background-color: rgb(255,  
235, 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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