

Converting Colors

XYZ(81.8970, 94.3762, 56.0200)

Have a look what the booklet for
XYZ(81.8970, 94.3762, 56.0200)
contains.

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Color

**XYZ(81.8019, 94.3272,
56.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFB2
RGB	246, 255, 178
RGB Percent	96%, 100%, 70%
CMY	0.0353, 0.0000, 0.3020
CMYK	0.04, 0.00, 0.30, 0.00
HSL	67°, 100%, 85%
HSV	67°, 30%, 100%
XYZ	81.8019, 94.3272, 56.0150
YIQ	243.5310, 19.3530, -25.8550

Conversions

Conversions Part 2

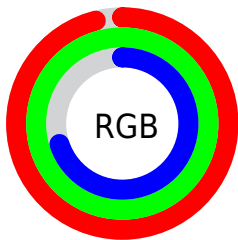
Format	Color
RYB	178, 255, 187
Decimal	16187314
CIELab	97.76, -14.76, 35.89
CIELCh	98, 38.805, 112.352
Yxy	94.3272, 0.3524, 0.4063
Android (android.graphics.Color)	4294377394 (0xFFFF6FFB2)
YUV	243.5310, -32.3068, 2.1653
Hunter-Lab	97.1222, -19.6209, 33.7902

Details

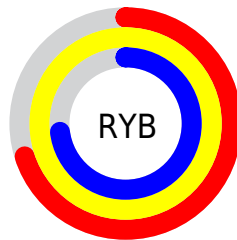
The XYZ color **81.8019, 94.3272, 56.0150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **54.4649, 49.6268, 101.3161**, and the grayscale version is **85.8524, 90.3234, 98.3622**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **44.8820, 52.6877, 27.2062** is the 20% darker color. If you saturate the color by 10%, you get **78.4377, 92.8617, 43.7120**, and if you desaturate by 10%, it is **85.6595, 95.9920, 70.8279**.

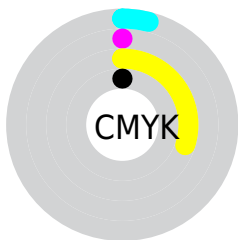
Distribution



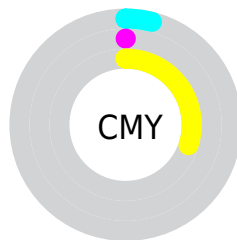
- Red (96%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8019, 94.3272, 56.0150 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 81.8019, 94.3272, 56.0150 by changing the saturation by 10% instead.


 81.8019, 94.3272,
56.0150

 81.8019, 94.3272,
56.0150


489.6294,
542.0088, 427.1379

 61.5158, 71.5751,
39.8109


 134.8334,
153.3348, 100.5125

 44.8957, 52.8117,
27.0785

168.3096,
190.3591, 129.6430

 31.5762, 37.6525,
17.3992

206.9131,
232.9096, 163.9193

 21.1920, 25.7131,
10.3546

251.0095,
281.3707, 203.7601

 13.3777, 16.6091,
5.5260

300.9639,
336.1267, 249.5838

 7.7679, 9.9562,
2.4950

357.1418,

 3.9973, 5.3699,

397.5622, 301.8090

0.8375

419.9085,
466.0614, 360.8542

■ 1.7006, 2.4659,
0.0000

■ 0.4567, 0.8595,
0.0000

■ 81.8019, 94.3272,
56.0150

■ 81.8019, 94.3272,
56.0150

■ 78.4377, 92.8617,
43.7120

■ 85.6595, 95.9920,
70.8279

■ 75.5394, 91.5845,
33.7757

■ 90.0341, 97.8655,
88.2751

■ 73.0783, 90.4841,
26.0549

94.9486, 99.9570,
108.4776

■ 71.0219, 89.5475,
20.3791

95.0500, 100.0000,
108.9000

■ 69.3331, 88.7598,
16.5529

■ 67.9675, 88.1033,
14.3432

■ 66.8721, 87.5589,
13.3760

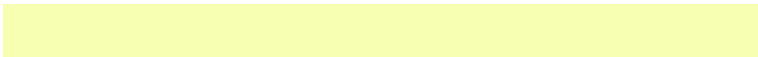
Harmonies

Analogous

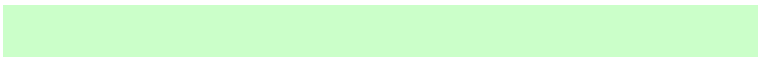
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5179, 94.3272, 53.3627



81.8019, 94.3272, 56.0150



73.8363, 94.3272, 69.7908

Triad

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



81.8019, 94.3272, 56.0150



77.2725, 94.3272, 158.9264



112.4483, 94.3272, 111.0346

Complementary

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



81.8019, 94.3272, 56.0150



54.4649, 49.6268, 101.3161

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.



107.5859, 94.3272, 144.6206



81.8019, 94.3272, 56.0150



86.8521, 94.3272, 175.7423

Square

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



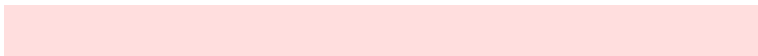
81.8019, 94.3272, 56.0150



71.3753, 94.3272, 127.6760



97.9956, 94.3272, 170.0289



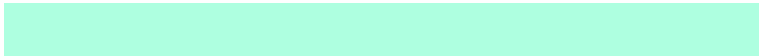
110.8166, 94.3272, 81.2248

Rectangle

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



81.8019, 94.3272, 56.0150



70.8633, 94.3272, 85.3119



97.9956, 94.3272, 170.0289



111.5061, 94.3272, 122.3175

Sweetspot

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



81.8022, 94.3273, 56.0163



90.5926, 98.1038, 90.5424



67.0434, 60.0089, 50.1701



19.2452, 20.9362, 18.7901



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

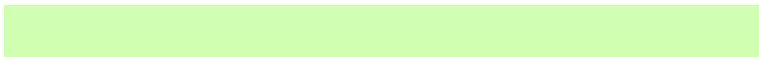
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8022, 94.3273, 56.0163



79.7908, 93.4530, 48.5772



69.6733, 88.0746, 55.4487



19.3399, 20.9766, 19.1739



35.0252, 45.7943, 6.9932



3.4670, 4.4880, 0.6836

Inverse Universe

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



54.4649, 49.6268, 101.3161



48.6227, 42.4761, 100.2438



65.1734, 55.1473, 101.8172



17.2001, 17.4794, 22.7173



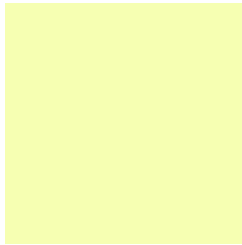
9.7702, 3.9472, 49.6815



1.0116, 0.4154, 4.8401

Previews

White Background



This preview shows how the XYZ color 81.8019, 94.3272, 56.0150 looks on a white background.

Color Contrast Check

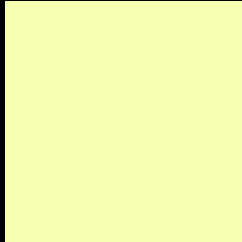
Large Text (above 18pt) WCAG AA × Fail

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 81.8019, 94.3272, 56.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

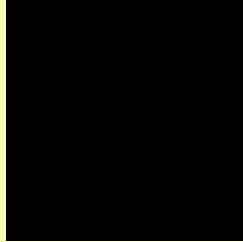
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8019, 94.3272, 56.0150

Background



This preview shows how black text looks on a background with the XYZ color 81.8019, 94.3272, 56.0150.

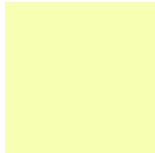


This preview shows how white text looks on a background with the XYZ color 81.8019, 94.3272,

Color Blindness Simulation

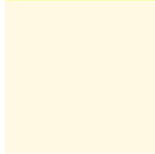
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



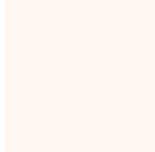
Original Color

81.8019, 94.3272, 56.0150



Protanopia

88.6725, 93.9409, 86.1319



Deuteranopia

90.3779, 94.1324, 96.6250

Tritanopia

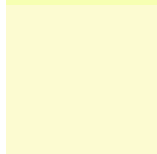
91.4556, 94.4370, 108.0157

Trichromacy



Original Color

81.8019, 94.3272, 56.0150



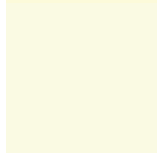
Protanomaly

86.1507, 94.2933, 73.9814



Deuteranomaly

86.9854, 94.1286, 79.9137



Tritanomaly

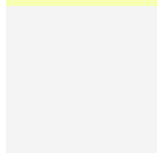
87.4751, 94.2413, 86.2530

Monochromacy



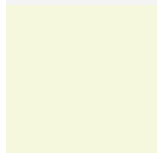
Original Color

81.8019, 94.3272, 56.0150



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.1419, 91.7146, 80.9781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8019, 94.3272, 56.0150 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(246, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 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(246, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 178) }
```

Border

The CSS property to change the border of an element to XYZ 81.8019, 94.3272, 56.0150 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(246, 255, 178) }
```


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

```
.border{ border-color:rgb(246, 255, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8019, 94.3272, 56.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 178) }
```

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

```
.background{ background-color: rgb(246,  
255, 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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