

Converting Colors

XYZ(82.6439, 91.5294, 54.3854)

Have a look what the booklet for
XYZ(82.6439, 91.5294, 54.3854)
contains.

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Color

**XYZ(82.6439, 91.5294,
54.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8B0
RGB	255, 248, 176
RGB Percent	100%, 97%, 69%
CMY	0.0000, 0.0274, 0.3098
CMYK	0.00, 0.03, 0.31, 0.00
HSL	55°, 100%, 85%
HSV	55°, 31%, 100%
XYZ	82.6439, 91.5294, 54.3854
YIQ	241.8850, 27.2840, -20.9080

Conversions

Conversions Part 2

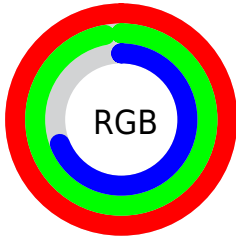
Format	Color
RYB	184, 255, 176
Decimal	16775344
CIELab	96.63, -8.23, 35.50
CIELCh	97, 36.442, 103.059
Yxy	91.5294, 0.3616, 0.4005
Android (android.graphics.Color)	4294965424 (0xFFFFFFFF8B0)
YUV	241.8850, -32.4813, 11.5019
Hunter-Lab	95.6710, -13.2298, 33.2655

Details

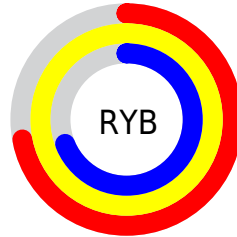
The XYZ color **82.6439, 91.5294, 54.3854** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.8876, 50.3156, 101.5321**, and the grayscale version is **84.5428, 88.9456, 96.8618**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **45.4507, 50.9997, 26.1873** is the 20% darker color. If you saturate the color by 10%, you get **79.6651, 89.2372, 42.0924**, and if you desaturate by 10%, it is **86.1095, 94.0361, 69.1810**.

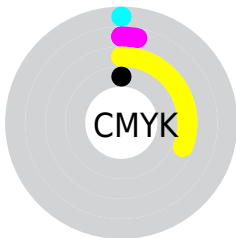
Distribution



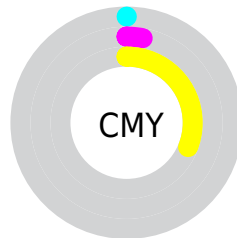
- Red (100%)
- Green (97%)
- Blue (69%)



- Red (72%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6439, 91.5294, 54.3854 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 82.6439, 91.5294, 54.3854 by changing the saturation by 10% instead.


 82.6439, 91.5294,
54.3854

 82.6439, 91.5294,
54.3854


492.4009,
532.9935, 420.7941

 62.2123, 69.2498,
38.5146


 136.0077,
149.4610, 98.1020

 45.4605, 50.9152,
26.0774


169.6707,
185.8818, 126.7848

 32.0232, 36.1411,
16.6553


208.4749,
227.7851, 160.5755

 21.5348, 24.5432,
9.8297

252.7856,
275.5554, 199.8924

 13.6302, 15.7371,
5.1820

302.9682,
329.5769, 245.1542

 7.9439, 9.3383,
2.2939

359.3880,

 4.1106, 4.9625,

390.2342, 296.7794

0.7278

422.4105,
457.9116, 355.1865

■ 1.7649, 2.2253,
0.0000

■ 0.4964, 0.7337,
0.0000

■ 82.6439, 91.5294,
54.3854

■ 82.6439, 91.5294,
54.3854

■ 79.6651, 89.2372,
42.0924

■ 86.1095, 94.0361,
69.1810

■ 77.1397, 87.1365,
32.1562

■ 90.0798, 96.7549,
86.6026

■ 75.0409, 85.2198,
24.4247

■ 94.5799, 99.6992,
106.7723

■ 73.3358, 83.4738,
18.7258

■ 95.0500, 100.0000,
108.9000

■ 71.9869, 81.8835,
14.8619

■ 70.9491, 80.4308,
12.5960

■ 70.2165, 79.2130,
11.5888

Harmonies

Analogous

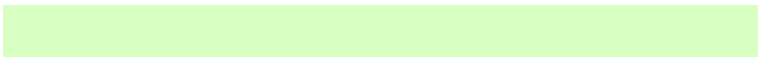
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8306, 91.5294, 55.0451



82.6439, 91.5294, 54.3854



74.2937, 91.5294, 64.0282

Triad

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



82.6439, 91.5294, 54.3854



73.4520, 91.5294, 143.0862



107.1154, 91.5294, 116.9200

Complementary

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



82.6439, 91.5294, 54.3854



52.8876, 50.3156, 101.5321

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.



101.0693, 91.5294, 146.5346



82.6439, 91.5294, 54.3854



81.4111, 91.5294, 163.5464

Square

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



82.6439, 91.5294, 54.3854



69.2726, 91.5294, 112.8829



91.4982, 91.5294, 164.9191



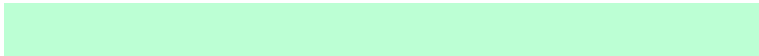
107.5105, 91.5294, 87.5122

Rectangle

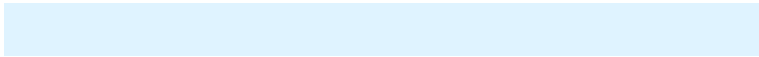
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6439, 91.5294, 54.3854



70.6733, 91.5294, 76.3385



91.4982, 91.5294, 164.9191



105.6562, 91.5294, 127.3045

Sweetspot

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



82.6461, 91.5335, 54.3873



90.9279, 97.3196, 90.3733



65.4073, 55.7682, 52.6106



19.3285, 20.7414, 18.7481



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

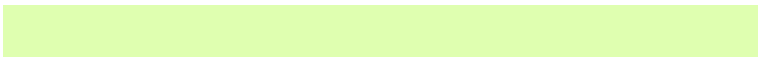
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6461, 91.5335, 54.3873



80.7952, 90.1269, 46.6945



74.1518, 90.4064, 54.6175



19.4156, 20.7994, 19.1357



36.7466, 41.5043, 6.0744



3.6166, 4.1185, 0.6043

Inverse Universe

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



52.8876, 50.3156, 101.5321



46.8660, 43.1377, 100.4640



59.4763, 51.6238, 101.4374



17.1323, 17.6361, 22.7511



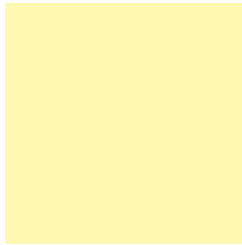
9.6309, 4.1714, 49.7321



0.9796, 0.4898, 4.8562

Previews

White Background



This preview shows how the XYZ color 82.6439, 91.5294, 54.3854 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 82.6439, 91.5294, 54.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

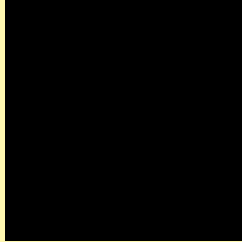
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6439, 91.5294, 54.3854

Background



This preview shows how black text looks on a background with the XYZ color 82.6439, 91.5294, 54.3854.



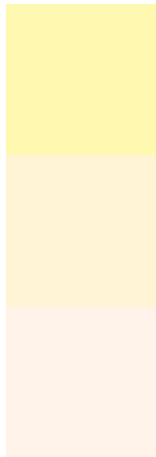
This preview shows how white text looks on a background with the XYZ color 82.6439, 91.5294,

54.3854.

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

82.6439, 91.5294, 54.3854

Protanopia

85.9026, 91.3689, 76.0592

Deuteranopia

88.1419, 91.3017, 90.8193



Tritanopia

90.4047, 91.7293, 104.2075

Trichromacy



Original Color

82.6439, 91.5294, 54.3854



Protanomaly

84.6211, 91.3417, 67.8143



Deuteranomaly

85.9026, 91.3689, 76.0592



Tritanomaly

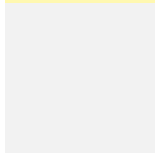
87.0452, 91.3432, 83.5642

Monochromacy



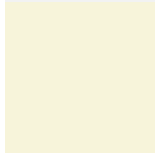
Original Color

82.6439, 91.5294, 54.3854



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.3633, 89.5375, 79.2184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6439, 91.5294, 54.3854 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, 248, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 176)  
}
```

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, 248, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 176) }
```

Border

The CSS property to change the border of an element to XYZ 82.6439, 91.5294, 54.3854 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, 248, 176) }
```


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

```
.border{ border-color:rgb(255, 248, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6439, 91.5294, 54.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 176) }
```

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

```
.background{ background-color: rgb(255,  
248, 176) }
```

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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