

Converting Colors

XYZ(82.1074, 91.0643, 54.2108)

Have a look what the booklet for
XYZ(82.1074, 91.0643, 54.2108)
contains.

XYZ(82.2769, 91.3402, 54.3683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.2769, 91.3402,
54.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF8B0
RGB	254, 248, 176
RGB Percent	100%, 97%, 69%
CMY	0.0039, 0.0274, 0.3098
CMYK	0.00, 0.02, 0.31, 0.00
HSL	55°, 98%, 84%
HSV	55°, 31%, 100%
XYZ	82.2769, 91.3402, 54.3683
YIQ	241.5860, 26.6880, -21.1200

Conversions

Conversions Part 2

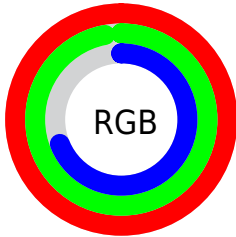
Format	Color
RYB	183, 254, 176
Decimal	16709808
CIELab	96.55, -8.61, 35.38
CIELCh	97, 36.414, 103.672
Yxy	91.3402, 0.3609, 0.4006
Android (android.graphics.Color)	4294899888 (0xFFFEF8B0)
YUV	241.5860, -32.3339, 10.8871
Hunter-Lab	95.5721, -13.5825, 33.1720

Details

The XYZ color **82.2769, 91.3402, 54.3683** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.5216, 49.8405, 100.6180**, and the grayscale version is **84.3055, 88.6959, 96.5898**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **45.1897, 50.8651, 26.1751** is the 20% darker color. If you saturate the color by 10%, you get **79.3992, 89.2371, 42.1489**, and if you desaturate by 10%, it is **85.6358, 93.6522, 69.0701**.

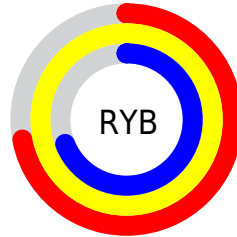
Distribution



Red (100%)

Green (97%)

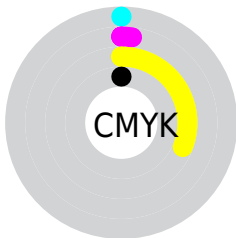
Blue (69%)



Red (72%)

Yellow (100%)

Blue (69%)

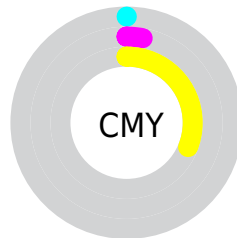


Cyan (0%)

Magenta (2%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2769, 91.3402, 54.3683 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 82.2769, 91.3402, 54.3683 by changing the saturation by 10% instead.


 82.2769, 91.3402,
54.3683

 82.2769, 91.3402,
54.3683


491.1939,
532.3809, 420.7272

 61.9087, 69.0927,
38.5010


 135.4960,
149.1986, 98.0766

 45.2142, 50.7872,
26.0669


169.0777,
185.5783, 126.7548

 31.8282, 36.0393,
16.6475


207.7945,
227.4376, 160.5403

 21.3852, 24.4646,
9.8242


252.0119,
275.1608, 199.8517

 13.5199, 15.6786,
5.1785

302.0951,
329.1323, 245.1075

 7.8670, 9.2970,
2.2918

358.4097,

 4.0611, 4.9354,

389.7366, 296.7264

0.7266

421.3208,
457.3580, 355.1267

■ 1.7367, 2.2094,
0.0000

■ 0.4791, 0.7251,
0.0000

■ 82.2769, 91.3402,
54.3683

■ 82.2769, 91.3402,
54.3683

■ 79.3992, 89.2371,
42.1489

■ 85.6358, 93.6522,
69.0701

■ 76.9693, 87.3200,
32.2676

■ 89.4932, 96.1704,
86.3762

■ 74.9609, 85.5813,
24.5745

■ 93.8739, 98.9080,
106.4073

■ 73.3415, 84.0082,
18.8996

■ 94.6831, 99.8109,
108.8828

■ 72.0741, 82.5858,
15.0479

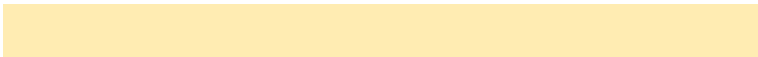
■ 71.1145, 81.2963,
12.7863

■ 70.4333, 80.1912,
11.7662

Harmonies

Analogous

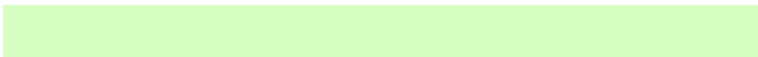
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4291, 91.3402, 54.8187



82.2769, 91.3402, 54.3683



74.0042, 91.3402, 64.2049

Triad

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



82.2769, 91.3402, 54.3683



73.4295, 91.3402, 143.3417



106.9611, 91.3402, 116.0397

Complementary

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



82.2769, 91.3402, 54.3683



52.5216, 49.8405, 100.6180

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.



101.0274, 91.3402, 145.6964



82.2769, 91.3402, 54.3683



81.4351, 91.3402, 163.4413

Square

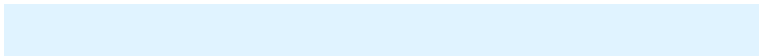
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2769, 91.3402, 54.3683



69.1722, 91.3402, 113.2829



91.5193, 91.3402, 164.3786



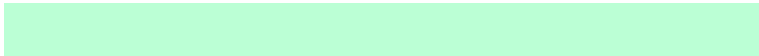
107.2310, 91.3402, 86.7988

Rectangle

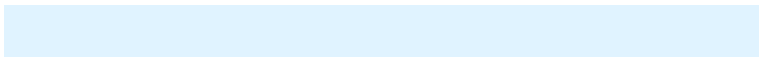
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2769, 91.3402, 54.3683



70.4468, 91.3402, 76.6315



91.5193, 91.3402, 164.3786



105.5430, 91.3402, 126.4097

Sweetspot

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



82.2792, 91.3443, 54.3702



91.0126, 97.4890, 90.4016



64.8944, 55.5207, 51.8249



19.3495, 20.7834, 18.7551



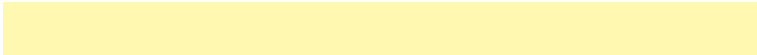
0.0000, 0.0000, 0.0000



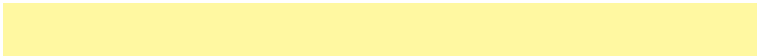
20.3446, 21.4041, 23.3091

Same Dimension

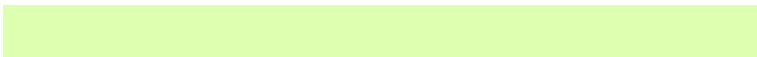
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2792, 91.3443, 54.3702



81.1327, 90.8019, 46.8070



73.2502, 89.4693, 54.4842



19.4348, 20.8377, 19.1421



37.1829, 42.3770, 6.2198



3.6545, 4.1943, 0.6170

Inverse Universe

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



52.5216, 49.8405, 100.6180



46.6617, 42.7292, 100.3960



59.5689, 51.6901, 100.6036



17.1151, 17.6019, 22.7454



9.5981, 4.1057, 49.7212



0.9715, 0.4737, 4.8535

Previews

White Background



This preview shows how the XYZ color 82.2769, 91.3402, 54.3683 looks on a white background.

Color Contrast Check

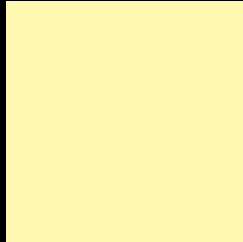
Large Text (above 18pt) WCAG AA × Fail

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 82.2769, 91.3402, 54.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

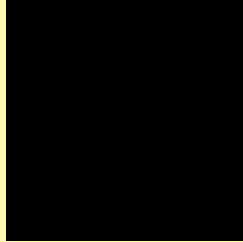
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2769, 91.3402, 54.3683

Background



This preview shows how black text looks on a background with the XYZ color 82.2769, 91.3402, 54.3683.



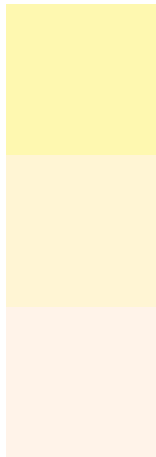
This preview shows how white text looks on a background with the XYZ color 82.2769, 91.3402,

54.3683.

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

82.2769, 91.3402, 54.3683

Protanopia

85.7761, 91.3183, 75.3927

Deuteranopia

87.9986, 91.2444, 90.0647



Tritanopia

90.1079, 91.1356, 104.1085

Trichromacy



Original Color

82.2769, 91.3402, 54.3683



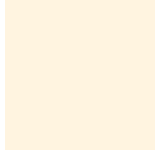
Protanomaly

84.5046, 91.2951, 67.2007



Deuteranomaly

85.7761, 91.3183, 75.3927



Tritanomaly

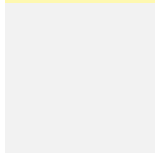
87.0452, 91.3432, 83.5642

Monochromacy



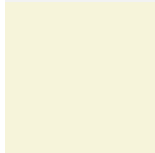
Original Color

82.2769, 91.3402, 54.3683



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.0116, 89.3562, 79.2019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2769, 91.3402, 54.3683 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(254, 248, 176)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 248, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 176) }
```

Border

The CSS property to change the border of an element to XYZ 82.2769, 91.3402, 54.3683 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(254, 248, 176) }
```


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

```
.border{ border-color:rgb(254, 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(254, 248, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 176);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2769, 91.3402, 54.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 176) }
```

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

```
.background{ background-color: rgb(254,  
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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