

Converting Colors

XYZ(82.2952, 93.4708, 50.7504)

Have a look what the booklet for
XYZ(82.2952, 93.4708, 50.7504)
contains.

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Color

**XYZ(82.0232, 93.1434,
50.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFCA8
RGB	252, 252, 168
RGB Percent	99%, 99%, 66%
CMY	0.0118, 0.0117, 0.3412
CMYK	0.00, 0.00, 0.33, 0.01
HSL	60°, 93%, 82%
HSV	60°, 33%, 99%
XYZ	82.0232, 93.1434, 50.7012
YIQ	242.4240, 26.9640, -26.1240

Conversions

Conversions Part 2

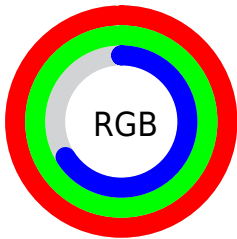
Format	Color
RYB	168, 252, 168
Decimal	16579752
CIELab	97.29, -12.27, 40.30
CIELCh	97, 42.128, 106.931
Yxy	93.1434, 0.3631, 0.4124
Android (android.graphics.Color)	4294769832 (0xFFFCFA8)
YUV	242.4240, -36.6910, 8.3982
Hunter-Lab	96.5108, -17.1893, 36.4100

Details

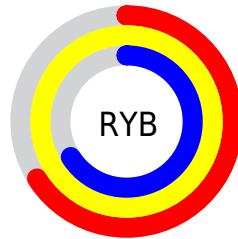
The XYZ color **82.0232, 93.1434, 50.7012** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.7252, 43.3607, 97.9549**, and the grayscale version is **85.0029, 89.4297, 97.3889**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **45.0826, 52.1870, 23.9166** is the 20% darker color. If you saturate the color by 10%, you get **79.8997, 92.2972, 39.5120**, and if you desaturate by 10%, it is **84.6064, 94.1800, 64.2904**.

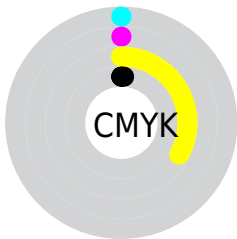
Distribution



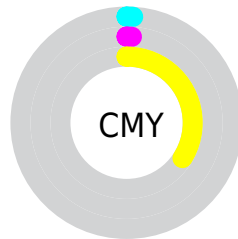
- Red (99%)
- Green (99%)
- Blue (66%)



- Red (66%)
- Yellow (99%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0232, 93.1434, 50.7012 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 82.0232, 93.1434, 50.7012 by changing the saturation by 10% instead.


 82.0232, 93.1434,
50.7012

 82.0232, 93.1434,
50.7012


490.3586,
538.2040, 406.2151

 61.6988, 70.5907,
35.5958


 135.1422,
151.6971, 92.6199

 45.0441, 52.0082,
23.8350


168.6675,
188.4669, 120.2703

 31.6936, 37.0116,
15.0002


207.3239,
230.7446, 152.9394

 21.2820, 25.2165,
8.6729

251.4766,
278.9145, 191.0458

 13.4439, 16.2384,
4.4346

301.4911,
333.3609, 235.0081

 7.8140, 9.6930,
1.8666

357.7327,

 4.0270, 5.1959,

394.4684, 285.2447

0.4714

420.5668,
462.6213, 342.1742

■ 1.7174, 2.3627,
0.0000

■ 0.4671, 0.8066,
0.0000

■ 82.0232, 93.1434,
50.7012

■ 82.0232, 93.1434,
50.7012

■ 79.8997, 92.2972,
39.5120

■ 84.6064, 94.1800,
64.2904

■ 78.2024, 91.6182,
30.5780


■ 87.6666, 95.4042,
80.4015


■ 76.9047, 91.0990,
23.7479


■ 91.2286, 96.8291,
99.1551


■ 75.9738, 90.7266,
18.8495


■ 93.0101, 97.5418,
108.5330


 75.3719, 90.4858,
15.6834


 93.0108, 97.5421,
108.5331


 75.0529, 90.3581,
14.0072

 93.0115, 97.5425,
108.5331

 74.9529, 90.3180,
13.4827

 93.0121, 97.5428,
108.5331

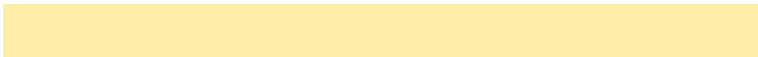
 93.0128, 97.5432,
108.5332

 93.0135, 97.5435,
108.5332

Harmonies

Analogous

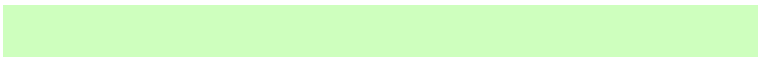
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8130, 93.1434, 49.9835



82.0232, 93.1434, 50.7012



72.8235, 93.1434, 62.8811

Triad

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



82.0232, 93.1434, 50.7012



73.7865, 93.1434, 157.3081



112.7787, 93.1434, 116.9915

Complementary

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



82.0232, 93.1434, 50.7012



47.7252, 43.3607, 97.9549

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.



106.3465, 93.1434, 153.1542



82.0232, 93.1434, 50.7012



83.4492, 93.1434, 179.7120

Square

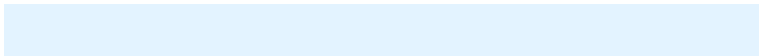
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0232, 93.1434, 50.7012



68.3689, 93.1434, 121.7541



95.3721, 93.1434, 178.0408



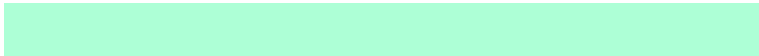
112.3096, 93.1434, 83.4815

Rectangle

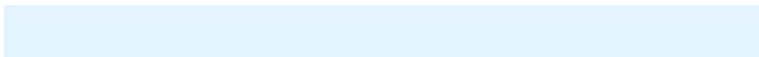
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0232, 93.1434, 50.7012



69.0776, 93.1434, 77.8158



95.3721, 93.1434, 178.0408



111.3291, 93.1434, 129.3652

Sweetspot

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



82.0255, 93.1476, 50.7032



91.2121, 98.4648, 88.6935



61.2185, 51.5301, 43.7668



19.4168, 21.0330, 18.4241



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

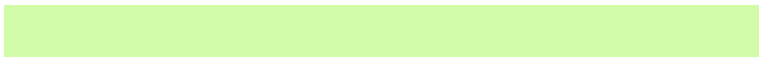
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0255, 93.1476, 50.7032



82.7470, 95.0785, 44.1277



68.4602, 86.1544, 50.0683



18.7273, 20.1907, 18.3726



39.0416, 47.0450, 7.0229



3.6160, 4.3572, 0.6504

Inverse Universe

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



47.7252, 43.3607, 97.9549



42.5795, 36.7755, 99.4619



58.1545, 48.7372, 98.4430



16.2832, 16.6431, 21.7395



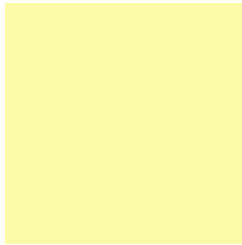
9.1529, 3.6612, 48.1978



0.8478, 0.3391, 4.4639

Previews

White Background



This preview shows how the XYZ color 82.0232, 93.1434, 50.7012 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 82.0232, 93.1434, 50.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

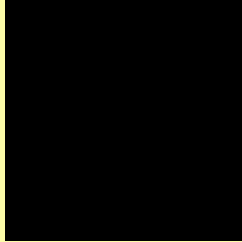
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0232, 93.1434, 50.7012

Background



This preview shows how black text looks on a background with the XYZ color 82.0232, 93.1434, 50.7012.



This preview shows how white text looks on a background with the XYZ color 82.0232, 93.1434,

Color Blindness Simulation

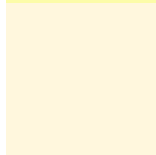
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



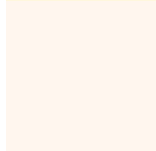
Original Color

82.0232, 93.1434, 50.7012



Protanopia

87.5519, 93.0020, 81.7433



Deuteranopia

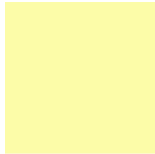
89.6284, 93.3446, 94.1823



Tritanopia

91.3203, 93.0532, 106.0765

Trichromacy



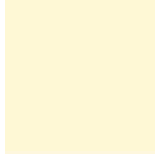
Original Color

82.0232, 93.1434, 50.7012



Protanomaly

85.4094, 93.0865, 69.3430



Deuteranomaly

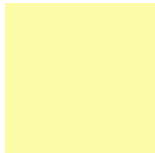
86.4507, 93.0097, 76.3470



Tritanomaly

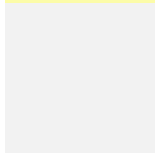
87.3186, 92.8663, 82.4300

Monochromacy



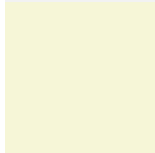
Original Color

82.0232, 93.1434, 50.7012



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.2275, 90.4107, 77.3544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0232, 93.1434, 50.7012 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(252, 252, 168)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 168)  
}
```

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(252, 252, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 168) }
```

Border

The CSS property to change the border of an element to XYZ 82.0232, 93.1434, 50.7012 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(252, 252, 168) }
```


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

```
.border{ border-color:rgb(252, 252, 168) }
```

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

Here you see how a box with a 4 pixel rgb(252, 252, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 168);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0232, 93.1434, 50.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 168) }
```

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

```
.background{ background-color: rgb(252,  
252, 168) }
```

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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