

Converting Colors

XYZ(97.6259, 100.7685,
49.4874)

Have a look what the booklet for
XYZ(97.6259, 100.7685, 49.4874)
contains.

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Color

**XYZ(82.4380, 92.9347,
48.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBA4
RGB	255, 251, 164
RGB Percent	100%, 98%, 64%
CMY	0.0000, 0.0157, 0.3569
CMYK	0.00, 0.02, 0.36, 0.00
HSL	57°, 100%, 82%
HSV	57°, 36%, 100%
XYZ	82.4380, 92.9347, 48.7152
YIQ	242.2780, 30.3110, -26.2090

Conversions

Conversions Part 2

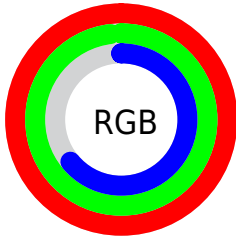
Format	Color
RYB	168, 255, 164
Decimal	16776100
CIELab	97.20, -11.10, 42.21
CIElCh	97, 43.643, 104.738
Yxy	92.9347, 0.3679, 0.4147
Android (android.graphics.Color)	4294966180 (0xFFFFFBA4)
YUV	242.2780, -38.5911, 11.1572
Hunter-Lab	96.4026, -16.0617, 37.5208

Details

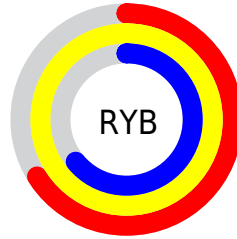
The XYZ color **82.4380, 92.9347, 48.7152** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.3623, 43.1166, 100.4338**, and the grayscale version is **84.8997, 89.3211, 97.2707**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **45.4103, 52.0482, 22.6919** is the 20% darker color. If you saturate the color by 10%, you get **80.0146, 91.4109, 37.6628**, and if you desaturate by 10%, it is **85.3298, 94.6557, 62.2037**.

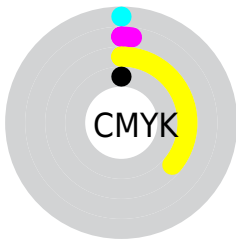
Distribution



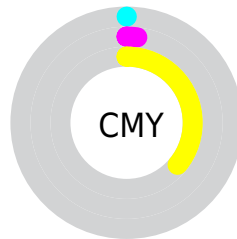
- Red (100%)
- Green (98%)
- Blue (64%)



- Red (66%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4380, 92.9347, 48.7152 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 82.4380, 92.9347, 48.7152 by changing the saturation by 10% instead.


 82.4380, 92.9347,
48.7152


 82.4380, 92.9347,
48.7152


491.7239,
537.5318, 398.2102

 62.0420, 70.4172,
34.0296


 135.7207,
151.4082, 89.6449

 45.3223, 51.8668,
22.6388

 169.3380,
188.1330, 116.7261

 31.9138, 36.8989,
14.1242

208.0932,
230.3624, 148.7763

 21.4509, 25.1292,
8.0674

252.3516,
278.4808, 186.2139

 13.5683, 16.1733,
4.0497

302.4785,
332.8725, 229.4576

 7.9007, 9.6469,
1.6527

358.8393,

 4.0828, 5.1655,

393.9220, 278.9259

0.3280

421.7993,
462.0136, 335.0372

■ 1.7491, 2.3447,
0.0000

■ 0.4867, 0.7972,
0.0000

■ 82.4380, 92.9347,
48.7152

■ 82.4380, 92.9347,
48.7152

■ 80.0146, 91.4109,
37.6628

■ 85.3298, 94.6557,
62.2037

■ 78.0249, 90.0607,
28.8947

■ 88.7086, 96.5716,
78.2565

■ 76.4406, 88.8758,
22.2508

■ 92.6003, 98.6959,
96.9997

■ 75.2269, 87.8425,
17.5482

95.0500, 100.0000,
108.9000

■ 74.3432, 86.9445,
14.5733

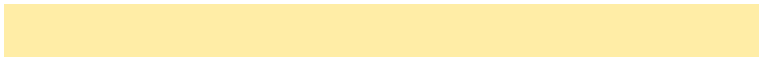
■ 73.7391, 86.1616,
13.0611

■ 73.5334, 85.8468,
12.6945

Harmonies

Analogous

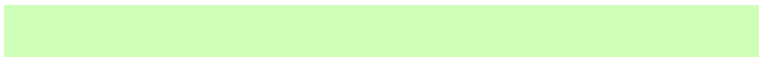
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7190, 92.9347, 48.8140



82.4380, 92.9347, 48.7152



72.6767, 92.9347, 60.2250

Triad

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



82.4380, 92.9347, 48.7152



72.5422, 92.9347, 156.8841



113.2279, 92.9347, 120.1313

Complementary

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



82.4380, 92.9347, 48.7152



47.3623, 43.1166, 100.4338

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.



106.0872, 92.9347, 157.4731



82.4380, 92.9347, 48.7152



82.2381, 92.9347, 181.8206

Square

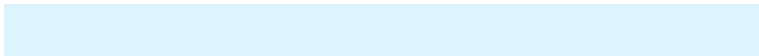
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4380, 92.9347, 48.7152



67.3348, 92.9347, 119.4600



94.4997, 92.9347, 182.0583



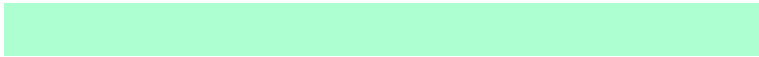
113.2941, 92.9347, 84.8849

Rectangle

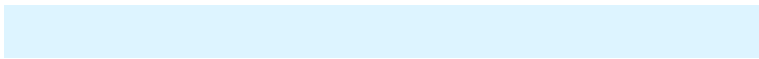
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4380, 92.9347, 48.7152



68.5833, 92.9347, 74.8975



94.4997, 92.9347, 182.0583



111.5478, 92.9347, 133.0116

Sweetspot

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



82.4403, 92.9389, 48.7171



90.4668, 97.5404, 86.6959



61.6354, 50.6596, 43.8460



19.2522, 20.8166, 18.0206



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

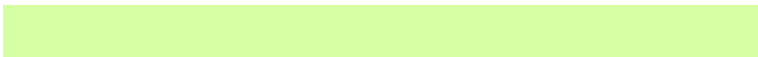
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4403, 92.9389, 48.7171



80.6220, 91.8033, 40.4004



70.2076, 88.5042, 48.5059



19.4889, 20.9459, 19.1601



38.4528, 44.9169, 6.6431



3.7643, 4.4140, 0.6536

Inverse Universe

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



47.3623, 43.1166, 100.4338



40.7210, 35.1360, 99.2434



56.4894, 46.7441, 100.6529



17.0669, 17.5055, 22.7293



9.5226, 3.9548, 49.6960



0.9487, 0.4281, 4.8459

Previews

White Background



This preview shows how the XYZ color 82.4380, 92.9347, 48.7152 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 82.4380, 92.9347, 48.7152 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 82.4380, 92.9347, 48.7152

Background



This preview shows how black text looks on a background with the XYZ color 82.4380, 92.9347, 48.7152.



This preview shows how white text looks on a background with the XYZ color 82.4380, 92.9347,

Color Blindness Simulation

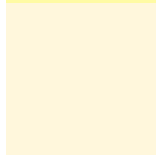
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



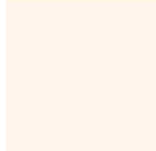
Original Color

82.4380, 92.9347, 48.7152



Protanopia

87.4190, 92.9488, 81.0436



Deuteranopia

89.1785, 92.6792, 93.3094



Tritanopia

91.1614, 92.9896, 105.2395

Trichromacy



Original Color

82.4380, 92.9347, 48.7152



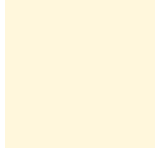
Protanomaly

85.2327, 92.5649, 68.0182



Deuteranomaly

86.1336, 92.4347, 74.2747



Tritanomaly

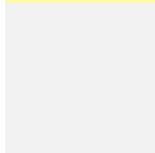
87.4190, 92.9488, 81.0436

Monochromacy



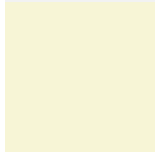
Original Color

82.4380, 92.9347, 48.7152



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.1478, 89.9340, 76.5950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4380, 92.9347, 48.7152 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, 251, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 164)  
}
```

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, 251, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 164) }
```

Border

The CSS property to change the border of an element to XYZ 82.4380, 92.9347, 48.7152 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, 251, 164) }
```


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

```
.border{ border-color:rgb(255, 251, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4380, 92.9347, 48.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 164) }
```

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

```
.background{ background-color: rgb(255,  
251, 164) }
```

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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