

Converting Colors

XYZ(81.2369, 92.2341, 43.0687)

Have a look what the booklet for
XYZ(81.2369, 92.2341, 43.0687)
contains.

XYZ(81.4047, 92.5214, 43.2737)	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(81.4047, 92.5214,
43.2737)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFB98
RGB	255, 251, 152
RGB Percent	100%, 98%, 60%
CMY	0.0000, 0.0157, 0.4039
CMYK	0.00, 0.02, 0.40, 0.00
HSL	58°, 100%, 80%
HSV	58°, 40%, 100%
XYZ	81.4047, 92.5214, 43.2737
YIQ	240.9100, 34.1630, -29.9410

Conversions

Conversions Part 2

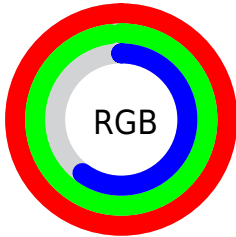
Format	Color
R_{YB}	156, 255, 152
Decimal	16776088
CIE _{Lab}	97.03, -12.38, 47.84
CIE _{LCh}	97, 49.415, 104.508
Yxy	92.5214, 0.3748, 0.4260
Android (android.graphics.Color)	4294966168 (0xFFFFFB98)
YUV	240.9100, -43.8326, 12.3569
Hunter-Lab	96.1880, -17.2631, 40.6579

Details

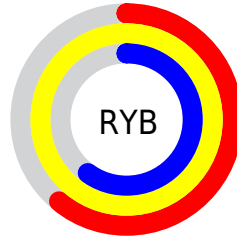
The XYZ color **81.4047, 92.5214, 43.2737** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.8872, 37.6713, 99.6185**, and the grayscale version is **83.8556, 88.2226, 96.0744**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **44.7932, 51.8014, 19.4422** is the 20% darker color. If you saturate the color by 10%, you get **79.2296, 91.1618, 33.3294**, and if you desaturate by 10%, it is **84.0349, 94.0723, 55.5869**.

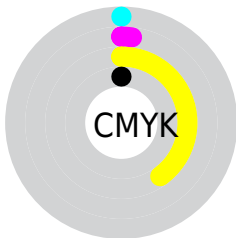
Distribution



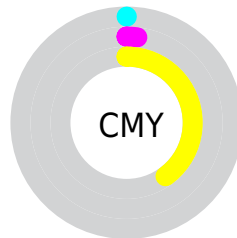
- Red (100%)
- Green (98%)
- Blue (60%)



- Red (61%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4047, 92.5214, 43.2737 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 81.4047, 92.5214, 43.2737 by changing the saturation by 10% instead.


 81.4047, 92.5214,
43.2737


 81.4047, 92.5214,
43.2737


488.3190,
536.1992, 375.6904

 61.1874, 70.0738,
29.7669


 134.2791,
150.8358, 81.4145

 44.6295, 51.5867,
19.4112


 167.6668,
187.4714, 106.8856

 31.3658, 36.6757,
11.7880


206.1754,
229.6051, 137.1819

 21.0307, 24.9565,
6.4787

250.1703,
277.6214, 172.7220

 13.2590, 16.0447,
3.0648

300.0167,
331.9045, 213.9243

 7.6854, 9.5558,
1.1278

356.0801,

 3.9444, 5.1054,

392.8389, 261.2075

0.0000

418.7257,
460.8090, 314.9900

■ 1.6707, 2.3093,
0.0000

■ 0.4378, 0.7786,
0.0000

■ 81.4047, 92.5214,
43.2737

■ 81.4047, 92.5214,
43.2737

■ 79.2296, 91.1618,
33.3294

■ 84.0349, 94.0723,
55.5869

■ 77.4739, 89.9692,
25.5951

■ 87.1400, 95.8124,
70.4026

■ 76.1072, 88.9348,
19.9021

■ 90.7466, 97.7556,
87.8512

■ 75.0925, 88.0437,
16.0543

94.8774, 99.9112,
108.0525

■ 74.3852, 87.2782,
13.8177

95.0500, 100.0000,
108.9000

■ 73.9267, 86.6335,
12.8256

Harmonies

Analogous

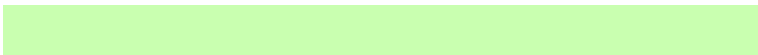
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2813, 92.5214, 43.4680



81.4047, 92.5214, 43.2737



70.4838, 92.5214, 55.3769

Triad

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



81.4047, 92.5214, 43.2737



70.2037, 92.5214, 164.5727



116.3262, 92.5214, 122.6264

Complementary

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



81.4047, 92.5214, 43.2737



42.8872, 37.6713, 99.6185

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.



108.0610, 92.5214, 165.8676



81.4047, 92.5214, 43.2737



80.9836, 92.5214, 194.1005

Square

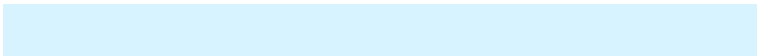
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4047, 92.5214, 43.2737



64.4950, 92.5214, 121.1821



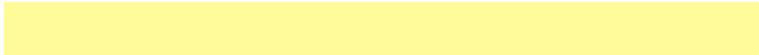
94.8135, 92.5214, 194.6287



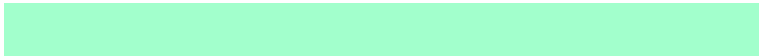
116.4697, 92.5214, 82.7368

Rectangle

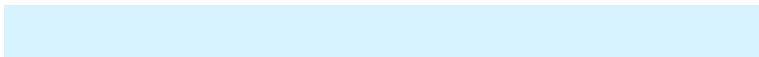
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4047, 92.5214, 43.2737



65.9302, 92.5214, 71.2273



94.8135, 92.5214, 194.6287



114.3697, 92.5214, 137.4513

Sweetspot

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



81.4070, 92.5256, 43.2756



90.1316, 97.4289, 84.8610



58.5675, 46.1569, 37.7890



19.1871, 20.7979, 17.6553



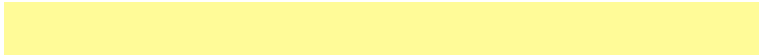
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

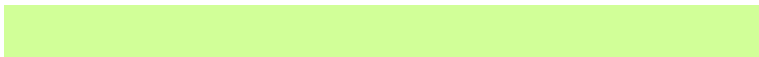
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4070, 92.5256, 43.2756



79.7108, 91.4719, 35.5003



67.6236, 87.2915, 42.9918



19.4973, 20.9628, 19.1629



38.6551, 45.3214, 6.7106



3.7818, 4.4489, 0.6594

Inverse Universe

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



42.8872, 37.6713, 99.6185



36.6547, 30.1637, 98.4980



52.6602, 41.7310, 99.8870



17.0595, 17.4906, 22.7268



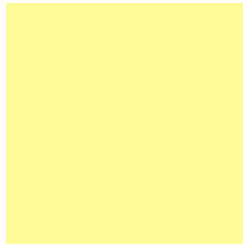
9.5120, 3.9336, 49.6925



0.9451, 0.4210, 4.8447

Previews

White Background



This preview shows how the XYZ color 81.4047, 92.5214, 43.2737 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 81.4047, 92.5214, 43.2737 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 81.4047, 92.5214, 43.2737

Background



This preview shows how black text looks on a background with the XYZ color 81.4047, 92.5214, 43.2737.

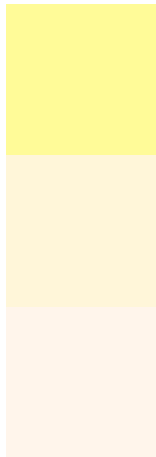


This preview shows how white text looks on a background with the XYZ color 81.4047, 92.5214,

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

81.4047, 92.5214, 43.2737

Protanopia

86.7202, 92.1813, 78.8678

Deuteranopia

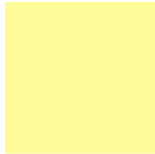
88.8878, 92.5630, 91.7788



Tritanopia

90.7032, 92.3262, 104.3070

Trichromacy



Original Color

81.4047, 92.5214, 43.2737



Protanomaly

84.4330, 92.2451, 63.8071



Deuteranomaly

85.5202, 92.1893, 71.0445



Tritanomaly

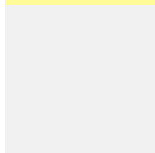
86.4615, 92.0778, 77.5058

Monochromacy



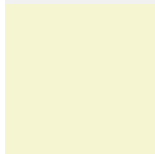
Original Color

81.4047, 92.5214, 43.2737



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

82.1671, 89.5011, 73.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4047, 92.5214, 43.2737 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 152) }
```

Border

The CSS property to change the border of an element to XYZ 81.4047, 92.5214, 43.2737 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, 152) }
```


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

```
.border{ border-color:rgb(255, 251, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4047, 92.5214, 43.2737 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
251, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor