

Converting Colors

XYZ(125.8897, 114.9167,
47.7820)

Have a look what the booklet for
XYZ(125.8897, 114.9167, 47.7820)
contains.

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Color

**XYZ(81.5972, 92.0998,
45.8242)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFA9E |
| RGB | 255, 250, 158 |
| RGB Percent | 100%, 98%, 62% |
| CMY | 0.0000, 0.0196, 0.3804 |
| CMYK | 0.00, 0.02, 0.38, 0.00 |
| HSL | 57°, 100%, 81% |
| HSV | 57°, 38%, 100% |
| XYZ | 81.5972, 92.0998, 45.8242 |
| YIQ | 241.0070, 32.5120, -27.5520 |

Conversions

Conversions Part 2

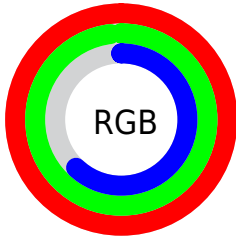
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 163, 255, 158 |
| Decimal | 16775838 |
| CIELab | 96.86, -11.26, 44.71 |
| CIELCh | 97, 46.106, 104.141 |
| Yxy | 92.0998, 0.3717, 0.4195 |
| Android (android.graphics.Color) | 4294965918 (0xFFFFFA9E) |
| YUV | 241.0070, -40.9225, 12.2719 |
| Hunter-Lab | 95.9686, -16.1758, 38.8676 |

Details

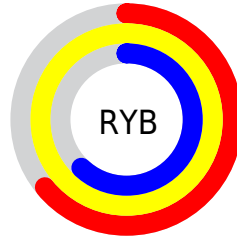
The XYZ color **81.5972, 92.0998, 45.8242** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.2476, 40.6825, 100.0754**, and the grayscale version is **83.9107, 88.2806, 96.1375**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **44.8675, 51.4738, 20.9353** is the 20% darker color. If you saturate the color by 10%, you get **79.2205, 90.5019, 35.3039**, and if you desaturate by 10%, it is **84.4367, 93.8939, 58.7477**.

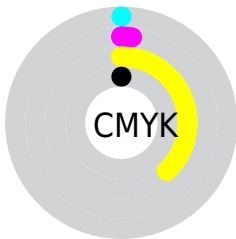
Distribution



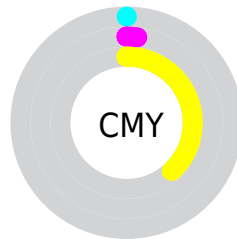
- Red (100%)
- Green (98%)
- Blue (62%)



- Red (64%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5972, 92.0998, 45.8242 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 81.5972, 92.0998, 45.8242 by changing the saturation by 10% instead.


 81.5972, 92.0998,
45.8242


 81.5972, 92.0998,
45.8242


488.9543,
534.8380, 386.3585

 61.3465, 69.7235,
31.7595


 134.5478,
150.2517, 85.2873

 44.7585, 51.3012,
20.9145


 167.9784,
186.7961, 111.5228

 31.4677, 36.4483,
12.8709


206.5330,
228.8320, 142.6523

 21.1088, 24.7807,
7.2100

250.5771,
276.7439, 179.0943

 13.3165, 15.9137,
3.5134

300.4759,
330.9160, 221.2674

 7.7253, 9.4631,
1.3624

356.5948,

 3.9700, 5.0445,

391.7328, 269.5901

0.1121

419.2991,
459.5786, 324.4809

■ 1.6852, 2.2734,
0.0000

■ 0.4470, 0.7596,
0.0000

■ 81.5972, 92.0998,
45.8242

■ 81.5972, 92.0998,
45.8242

■ 79.2205, 90.5019,
35.3039

■ 84.4367, 93.8939,
58.7477

■ 77.2714, 89.0764,
27.0315

■ 87.7582, 95.8820,
74.2052

■ 75.7207, 87.8147,
20.8428

■ 91.5879, 98.0780,
92.3249

■ 74.5323, 86.7025,
16.5487

95.0500, 100.0000,
108.9000

■ 73.6641, 85.7228,
13.9259

■ 73.0582, 84.8526,
12.6713

■ 72.9542, 84.6883,
12.5014

Harmonies

Analogous

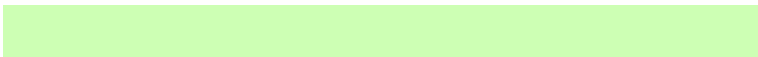
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5175, 92.0998, 46.1533



81.5972, 92.0998, 45.8242



71.3234, 92.0998, 57.3318

Triad

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



81.5972, 92.0998, 45.8242



70.8638, 92.0998, 158.5654



113.7294, 92.0998, 121.0493

Complementary

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



81.5972, 92.0998, 45.8242



45.2476, 40.6825, 100.0754

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.



106.0410, 92.0998, 160.6264



81.5972, 92.0998, 45.8242



80.9110, 92.0998, 185.6653

Square

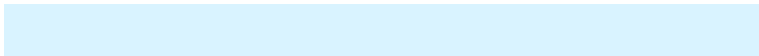
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5972, 92.0998, 45.8242



65.5529, 92.0998, 118.7229



93.7606, 92.0998, 186.5010



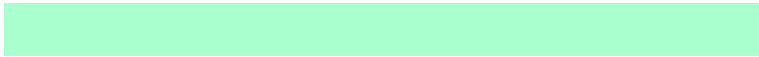
113.9596, 92.0998, 83.8552

Rectangle

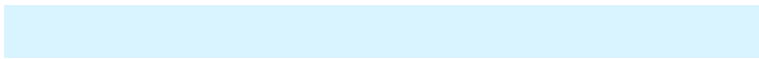
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5972, 92.0998, 45.8242



66.9966, 92.0998, 72.2928



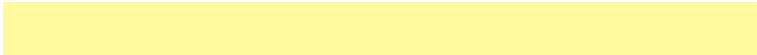
93.7606, 92.0998, 186.5010



111.8999, 92.0998, 134.6954

Sweetspot

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



81.5994, 92.1040, 45.8261



90.3993, 97.4054, 86.6734



60.2107, 48.4120, 41.5156



19.2360, 20.7842, 18.0152



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

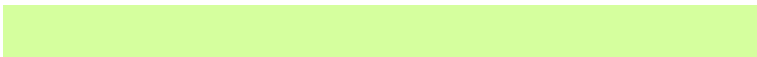
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5994, 92.1040, 45.8261



79.6695, 90.8137, 37.2608



69.3631, 88.1301, 45.7040



19.4764, 20.9210, 19.1560



38.1550, 44.3212, 6.5439



3.7386, 4.3626, 0.6450

Inverse Universe

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



45.2476, 40.6825, 100.0754



38.4154, 32.4652, 98.8494



54.1061, 43.9588, 100.2409



17.0780, 17.5276, 22.7330



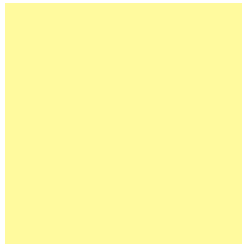
9.5384, 3.9863, 49.7013



0.9539, 0.4386, 4.8476

Previews

White Background



This preview shows how the XYZ color 81.5972, 92.0998, 45.8242 looks on a white background.

Color Contrast Check

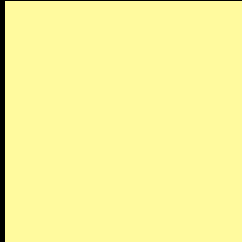
Large Text (above 18pt) WCAG AA × Fail

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 81.5972, 92.0998, 45.8242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

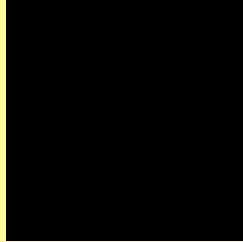
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5972, 92.0998, 45.8242

Background



This preview shows how black text looks on a background with the XYZ color 81.5972, 92.0998, 45.8242.

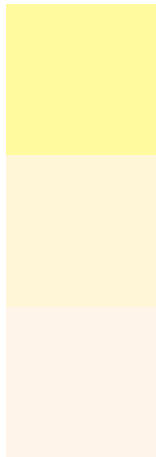


This preview shows how white text looks on a background with the XYZ color 81.5972, 92.0998,

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

81.5972, 92.0998, 45.8242

Protanopia

86.4615, 92.0778, 77.5058

Deuteranopia

88.4420, 91.9019, 90.9193



Tritanopia

90.7032, 92.3262, 104.3070

Trichromacy



Original Color

81.5972, 92.0998, 45.8242



Protanomaly

84.2384, 91.6766, 64.2944



Deuteranomaly

85.3363, 91.6278, 71.5807



Tritanomaly

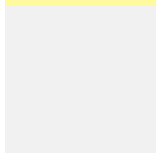
86.7202, 92.1813, 78.8678

Monochromacy



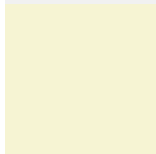
Original Color

81.5972, 92.0998, 45.8242



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

82.1146, 88.9973, 74.4783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5972, 92.0998, 45.8242 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, 250, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 158)  
}
```

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, 250, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 158) }
```

Border

The CSS property to change the border of an element to XYZ 81.5972, 92.0998, 45.8242 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, 250, 158) }
```


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

```
.border{ border-color:rgb(255, 250, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5972, 92.0998, 45.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 158) }
```

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

```
.background{ background-color: rgb(255,  
250, 158) }
```

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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