

Converting Colors

XYZ(97.0907, 100.0000,
46.2252)

Have a look what the booklet for
XYZ(97.0907, 100.0000, 46.2252)
contains.

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Color

**XYZ(81.5114, 92.0655,
45.3726)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFA9D |
| RGB | 255, 250, 157 |
| RGB Percent | 100%, 98%, 62% |
| CMY | 0.0000, 0.0196, 0.3843 |
| CMYK | 0.00, 0.02, 0.38, 0.00 |
| HSL | 57°, 100%, 81% |
| HSV | 57°, 38%, 100% |
| XYZ | 81.5114, 92.0655, 45.3726 |
| YIQ | 240.8930, 32.8330, -27.8630 |

Conversions

Conversions Part 2

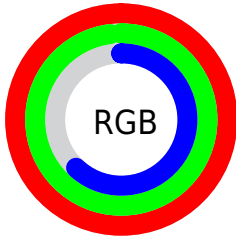
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 255, 157 |
| Decimal | 16775837 |
| CIELab | 96.85, -11.37, 45.18 |
| CIELCh | 97, 46.587, 104.126 |
| Yxy | 92.0655, 0.3723, 0.4205 |
| Android (android.graphics.Color) | 4294965917 (0xFFFFFA9D) |
| YUV | 240.8930, -41.3592, 12.3718 |
| Hunter-Lab | 95.9508, -16.2758, 39.1289 |

Details

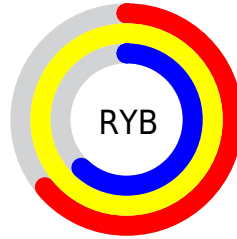
The XYZ color **81.5114, 92.0655, 45.3726** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.8748, 40.2277, 100.0073**, and the grayscale version is **83.8240, 88.1894, 96.0382**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **44.8164, 51.4534, 20.6661** is the 20% darker color. If you saturate the color by 10%, you get **79.1561, 90.4829, 34.9448**, and if you desaturate by 10%, it is **84.3284, 93.8439, 58.1980**.

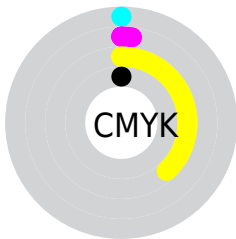
Distribution



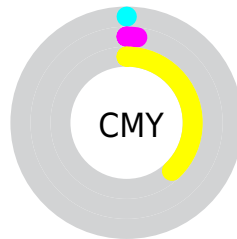
- Red (100%)
- Green (98%)
- Blue (62%)



- 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 81.5114, 92.0655, 45.3726 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 81.5114, 92.0655, 45.3726 by changing the saturation by 10% instead.


 81.5114, 92.0655,
45.3726


 81.5114, 92.0655,
45.3726


488.6712,
534.7272, 384.4846

 61.2756, 69.6950,
31.4059


 134.4280,
150.2042, 84.6036

 44.7010, 51.2780,
20.6471


 167.8395,
186.7412, 110.7051

 31.4223, 36.4299,
12.6776

206.3737,
228.7691, 141.6885

 21.0740, 24.7664,
7.0788

250.3958,
276.6724, 177.9725

 13.2909, 15.9031,
3.4322

300.2713,
330.8355, 219.9755

 7.7075, 9.4556,
1.3193

356.3654,

 3.9586, 5.0395,

391.6427, 268.1162

0.0776

419.0436,
459.4785, 322.8130

■ 1.6787, 2.2705,
0.0000

■ 0.4429, 0.7580,
0.0000

■ 81.5114, 92.0655,
45.3726

■ 81.5114, 92.0655,
45.3726

■ 79.1561, 90.4829,
34.9448

■ 84.3284, 93.8439,
58.1980

■ 77.2273, 89.0719,
26.7587

■ 87.6263, 95.8158,
73.5522

■ 75.6954, 87.8242,
20.6494

■ 91.4315, 97.9950,
91.5639

■ 74.5244, 86.7253,
16.4266

95.0500, 100.0000,
108.9000

■ 73.6714, 85.7580,
13.8653

■ 73.0767, 84.8984,
12.6504

■ 72.9941, 84.7681,
12.5147

Harmonies

Analogous

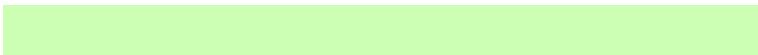
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5644, 92.0655, 45.7085



81.5114, 92.0655, 45.3726



71.1411, 92.0655, 56.9303

Triad

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



81.5114, 92.0655, 45.3726



70.6698, 92.0655, 159.2016



113.9864, 92.0655, 121.2576

Complementary

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



81.5114, 92.0655, 45.3726



44.8748, 40.2277, 100.0073

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.



106.2046, 92.0655, 161.3250



81.5114, 92.0655, 45.3726



80.8069, 92.0655, 186.6831

Square

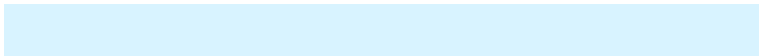
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5114, 92.0655, 45.3726



65.3171, 92.0655, 118.8649



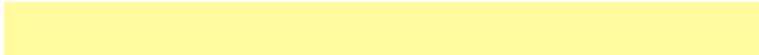
93.7865, 92.0655, 187.5450



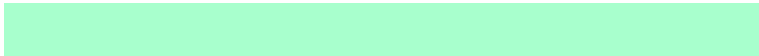
114.2234, 92.0655, 83.6764

Rectangle

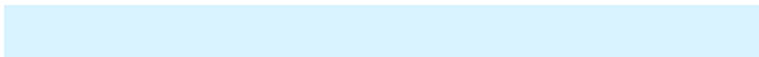
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5114, 92.0655, 45.3726



66.7762, 92.0655, 71.9889



93.7865, 92.0655, 187.5450



112.1339, 92.0655, 135.0655

Sweetspot

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



81.5137, 92.0697, 45.3745



90.0135, 97.1927, 84.8216



59.9564, 48.0385, 41.0149



19.1591, 20.7419, 17.6459



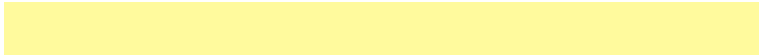
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

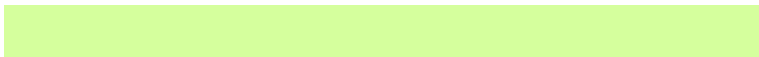
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5137, 92.0697, 45.3745



79.6885, 90.8519, 37.2672



69.1518, 88.0310, 45.2465



19.4773, 20.9227, 19.1563



38.1755, 44.3623, 6.5507



3.7404, 4.3662, 0.6456

Inverse Universe

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



44.8748, 40.2277, 100.0073



38.4061, 32.4465, 98.8463



53.7851, 43.5411, 100.1772



17.0773, 17.5261, 22.7328



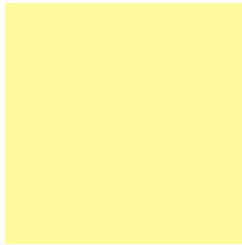
9.5373, 3.9842, 49.7009



0.9536, 0.4378, 4.8475

Previews

White Background



This preview shows how the XYZ color 81.5114, 92.0655, 45.3726 looks on a white background.

Color Contrast Check

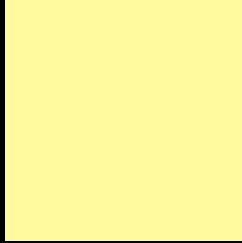
Large Text (above 18pt) WCAG AA × Fail

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 81.5114, 92.0655, 45.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

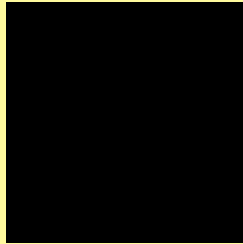
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5114, 92.0655, 45.3726

Background



This preview shows how black text looks on a background with the XYZ color 81.5114, 92.0655, 45.3726.



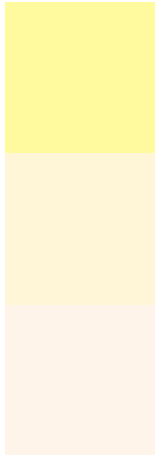
This preview shows how white text looks on a background with the XYZ color 81.5114, 92.0655,

45.3726.

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

81.5114, 92.0655, 45.3726

Protanopia

86.4615, 92.0778, 77.5058

Deuteranopia

88.4420, 91.9019, 90.9193



Tritanopia

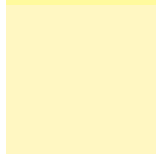
90.4047, 91.7293, 104.2075

Trichromacy



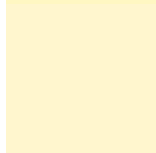
Original Color

81.5114, 92.0655, 45.3726



Protanomaly

84.2384, 91.6766, 64.2944



Deuteranomaly

85.3363, 91.6278, 71.5807



Tritanomaly

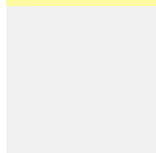
86.4168, 91.5746, 78.7666

Monochromacy



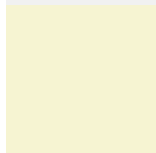
Original Color

81.5114, 92.0655, 45.3726



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9896, 88.9473, 73.8200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5114, 92.0655, 45.3726 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 157) }
```

Border

The CSS property to change the border of an element to XYZ 81.5114, 92.0655, 45.3726 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, 157) }
```


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

```
.border{ border-color:rgb(255, 250, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5114, 92.0655, 45.3726 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
250, 157) }
```

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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