

Converting Colors

XYZ(82.6907, 93.4272, 46.8647)

Have a look what the booklet for
XYZ(82.6907, 93.4272, 46.8647)
contains.

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Color

**XYZ(82.3956, 93.4189,
46.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCA0
RGB	255, 252, 160
RGB Percent	100%, 99%, 63%
CMY	0.0000, 0.0117, 0.3725
CMYK	0.00, 0.01, 0.37, 0.00
HSL	58°, 100%, 81%
HSV	58°, 37%, 100%
XYZ	82.3956, 93.4189, 46.9466
YIQ	242.4090, 31.3200, -27.9760

Conversions

Conversions Part 2

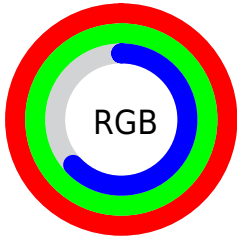
Format	Color
R _Y B	163, 255, 160
Decimal	16776352
CIE Lab	97.40, -12.03, 44.42
CIE LCh	97, 46.020, 105.154
Yxy	93.4189, 0.3699, 0.4194
Android (android.graphics.Color)	4294966432 (0xFFFFFCA0)
YUV	242.4090, -40.6276, 11.0423
Hunter-Lab	96.6535, -16.9750, 38.8590

Details

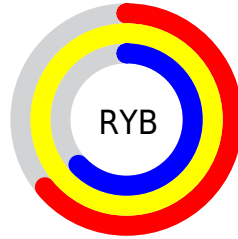
The XYZ color **82.3956, 93.4189, 46.9466** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.6442, 40.8868, 100.0940**, and the grayscale version is **85.0188, 89.4464, 97.4072**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **45.4197, 52.4117, 21.6325** is the 20% darker color. If you saturate the color by 10%, you get **80.1389, 92.1166, 36.2950**, and if you desaturate by 10%, it is **85.1155, 94.9148, 60.0120**.

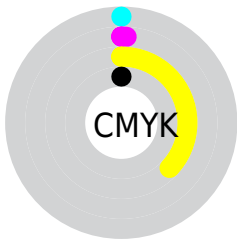
Distribution



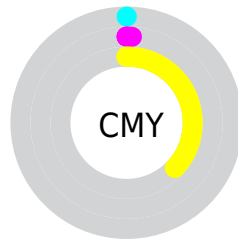
- Red (100%)
- Green (99%)
- Blue (63%)



- Red (64%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3956, 93.4189, 46.9466 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 82.3956, 93.4189, 46.9466 by changing the saturation by 10% instead.


 82.3956, 93.4189,
46.9466


 82.3956, 93.4189,
46.9466


491.5845,
539.0908, 390.9889

 62.0069, 70.8197,
32.6394


 135.6616,
152.0784, 86.9831

 45.2939, 52.1951,
21.5815


 169.2695,
188.9076, 113.5494

 31.8912, 37.1606,
13.3543

208.0146,
231.2489, 145.0392

 21.4336, 25.3319,
7.5394

252.2622,
279.4866, 181.8710

 13.5556, 16.3245,
3.7182

302.3776,
334.0053, 224.4633

 7.8918, 9.7541,
1.4720

358.7262,

 4.0770, 5.2362,

395.1893, 273.2347

0.1970

421.6734,
463.4230, 328.6037

■ 1.7458, 2.3865,
0.0000

■ 0.4847, 0.8189,
0.0000

■ 82.3956, 93.4189,
46.9466

■ 82.3956, 93.4189,
46.9466

■ 80.1389, 92.1166,
36.2950

■ 85.1155, 94.9148,
60.0120

■ 78.3104, 90.9840,
27.9030

■ 88.3175, 96.6019,
75.6210

■ 76.8811, 90.0128,
21.6079

■ 92.0278, 98.4941,
93.9012

■ 75.8154, 89.1887,
17.2226

95.0500, 100.0000,
108.9000

■ 75.0717, 88.4952,
14.5272

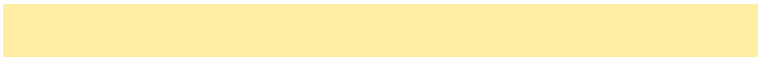
■ 74.5959, 87.9105,
13.2379

■ 74.4901, 87.7601,
13.0134

Harmonies

Analogous

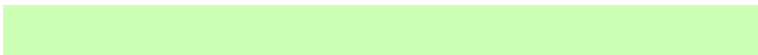
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3740, 93.4189, 46.8869



82.3956, 93.4189, 46.9466



72.1707, 93.4189, 59.0076

Triad

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



82.3956, 93.4189, 46.9466



72.2538, 93.4189, 161.6146



115.3077, 93.4189, 121.2529

Complementary

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



82.3956, 93.4189, 46.9466



45.6442, 40.8868, 100.0940

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.



107.7871, 93.4189, 161.2427



82.3956, 93.4189, 46.9466



82.5197, 93.4189, 188.1412

Square

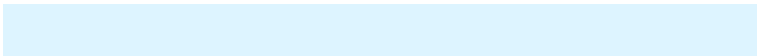
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3956, 93.4189, 46.9466



66.7175, 93.4189, 121.6732



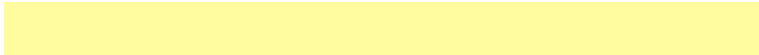
95.5109, 93.4189, 187.9905



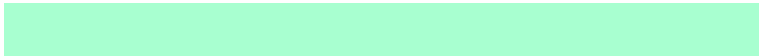
115.2662, 93.4189, 84.0722

Rectangle

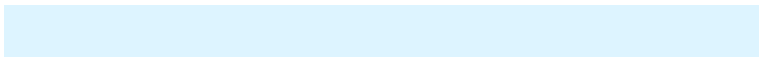
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3956, 93.4189, 46.9466



67.9224, 93.4189, 74.4237



95.5109, 93.4189, 187.9905



113.5502, 93.4189, 134.9806

Sweetspot

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



82.3979, 93.4231, 46.9485



90.5769, 97.7607, 86.7326



60.4373, 49.0529, 41.0126



19.2787, 20.8696, 18.0294



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

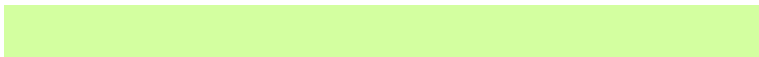
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3979, 93.4231, 46.9485



80.6094, 92.3955, 38.4932



68.8743, 87.8580, 46.5872



19.5093, 20.9867, 19.1669



38.9446, 45.9004, 6.8071



3.8067, 4.4988, 0.6677

Inverse Universe

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



45.6442, 40.8868, 100.0940



38.8603, 32.7231, 98.8758



55.6150, 45.2472, 100.4101



17.0489, 17.4694, 22.7233



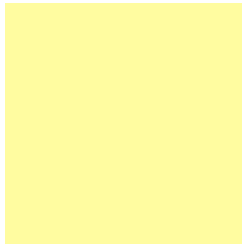
9.4969, 3.9034, 49.6875



0.9401, 0.4109, 4.8430

Previews

White Background



This preview shows how the XYZ color 82.3956, 93.4189, 46.9466 looks on a white background.

Color Contrast Check

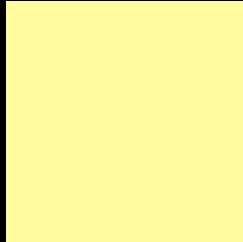
Large Text (above 18pt) WCAG AA × Fail

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 82.3956, 93.4189, 46.9466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

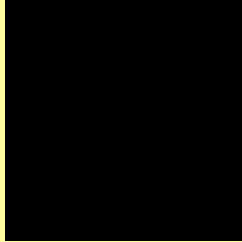
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3956, 93.4189, 46.9466

Background



This preview shows how black text looks on a background with the XYZ color 82.3956, 93.4189, 46.9466.



This preview shows how white text looks on a background with the XYZ color 82.3956, 93.4189,

Color Blindness Simulation

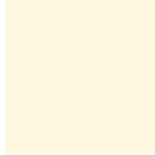
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



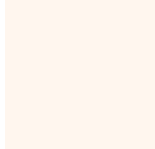
Original Color

82.3956, 93.4189, 46.9466



Protanopia

87.6856, 93.0555, 82.4472



Deuteranopia

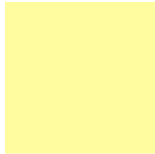
89.6284, 93.3446, 94.1823



Tritanopia

91.4631, 93.5931, 105.3401

Trichromacy



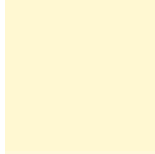
Original Color

82.3956, 93.4189, 46.9466



Protanomaly

85.4245, 93.1349, 67.5073



Deuteranomaly

86.4403, 93.0479, 74.3769



Tritanomaly

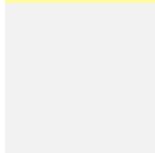
87.5936, 93.5093, 80.4503

Monochromacy



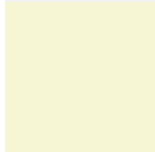
Original Color

82.3956, 93.4189, 46.9466



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.1972, 90.4392, 75.3589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3956, 93.4189, 46.9466 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, 252, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 160)  
}
```

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, 252, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 160) }
```

Border

The CSS property to change the border of an element to XYZ 82.3956, 93.4189, 46.9466 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, 252, 160) }
```


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

```
.border{ border-color:rgb(255, 252, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3956, 93.4189, 46.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 160) }
```

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

```
.background{ background-color: rgb(255,  
252, 160) }
```

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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