

Converting Colors

XYZ(79.6300, 89.4105, 41.3307)

Have a look what the booklet for
XYZ(79.6300, 89.4105, 41.3307)
contains.

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Color

**XYZ(79.6206, 89.3415,
41.4819)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF695
RGB	255, 246, 149
RGB Percent	100%, 96%, 58%
CMY	0.0000, 0.0353, 0.4157
CMYK	0.00, 0.04, 0.42, 0.00
HSL	55°, 100%, 79%
HSV	55°, 42%, 100%
XYZ	79.6206, 89.3415, 41.4819
YIQ	237.6330, 36.5010, -28.2590

Conversions

Conversions Part 2

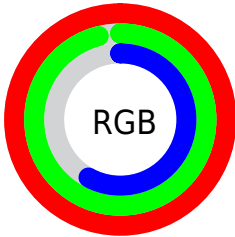
Format	Color
R _Y B	159, 255, 149
Decimal	16774805
CIE Lab	95.72, -10.23, 47.64
CIE LCh	96, 48.724, 102.116
Yxy	89.3415, 0.3783, 0.4245
Android (android.graphics.Color)	4294964885 (0xFFFFF695)
YUV	237.6330, -43.6961, 15.2309
Hunter-Lab	94.5206, -15.0495, 40.1441

Details

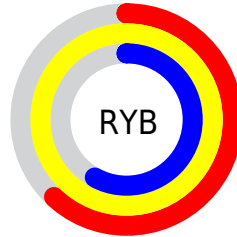
The XYZ color **79.6206, 89.3415, 41.4819** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.6711, 38.0621, 99.7054**, and the grayscale version is **81.2935, 85.5271, 93.1390**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **43.5507, 49.5418, 18.3335** is the 20% darker color. If you saturate the color by 10%, you get **77.1502, 87.3097, 31.6905**, and if you desaturate by 10%, it is **82.5488, 91.5751, 53.6268**.

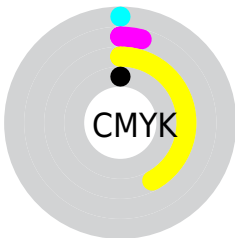
Distribution



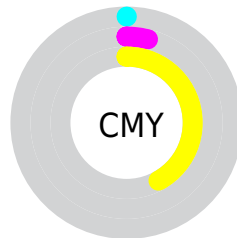
- Red (100%)
- Green (96%)
- Blue (58%)



- Red (62%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6206, 89.3415, 41.4819 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 79.6206, 89.3415, 41.4819 by changing the saturation by 10% instead.


 79.6206, 89.3415,
41.4819


 79.6206, 89.3415,
41.4819


482.4093,
525.8864, 368.0668

 59.7136, 67.4346,
28.3733


 131.7855,
146.4234, 78.6765

 43.4364, 49.4379,
18.3658


 164.7741,
182.3671, 103.5996

 30.4237, 34.9670,
11.0407

202.8540,
223.7587, 133.2979

 20.3101, 23.6374,
5.9797

246.3904,
270.9824, 168.1899

 12.7302, 15.0649,
2.7642

295.7488,
324.4226, 208.6943

 7.3187, 8.8649,
0.9755

351.2946,

 3.7103, 4.6532,

384.4637, 255.2296

0.0000

413.3929,
451.4902, 308.2142

■ 1.5396, 2.0453,
0.0000

■ 0.3525, 0.6336,
0.0000

■ 79.6206, 89.3415,
41.4819

■ 79.6206, 89.3415,
41.4819

■ 77.1502, 87.3097,
31.6905

■ 82.5488, 91.5751,
53.6268

■ 75.1016, 85.4556,
24.0923

■ 85.9550, 94.0090,
68.2605

■ 73.4440, 83.7701,
18.5156

■ 89.8660, 96.6572,
85.5145

■ 72.1395, 82.2380,
14.7610

■ 94.3048, 99.5289,
105.5096

■ 71.1425, 80.8410, 95.0500, 100.0000,
12.5884 108.9000

■ 70.4822, 79.7446,
11.6774

Harmonies

Analogous

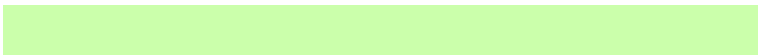
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0803, 89.3415, 42.5807



79.6206, 89.3415, 41.4819



68.7772, 89.3415, 52.1519

Triad

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



79.6206, 89.3415, 41.4819



67.1958, 89.3415, 155.6549



111.8838, 89.3415, 121.7533

Complementary

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



79.6206, 89.3415, 41.4819



42.6711, 38.0621, 99.7054

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.



103.4014, 89.3415, 162.9522



79.6206, 89.3415, 41.4819



77.2444, 89.3415, 185.7968

Square

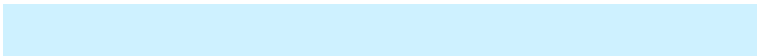
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6206, 89.3415, 41.4819



62.1262, 89.3415, 113.6083



90.4420, 89.3415, 188.7724



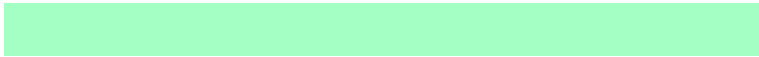
112.6926, 89.3415, 82.5922

Rectangle

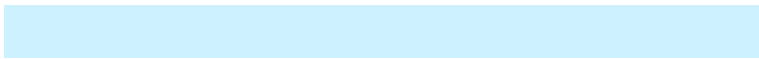
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6206, 89.3415, 41.4819



64.1106, 89.3415, 66.6771



90.4420, 89.3415, 188.7724



109.7971, 89.3415, 136.0466

Sweetspot

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



79.6228, 89.3456, 41.4838



89.6862, 96.5382, 84.7125



58.2983, 45.2799, 38.7429



19.0815, 20.5867, 17.6201



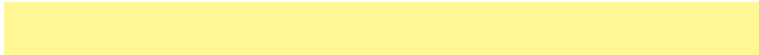
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

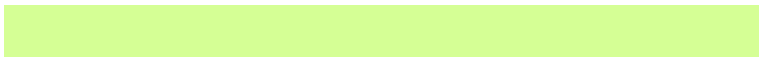
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6228, 89.3456, 41.4838



77.5091, 87.6166, 33.0765



68.5100, 87.7765, 41.7666



19.4216, 20.8115, 19.1377



36.8834, 41.7780, 6.1200



3.6284, 4.1423, 0.6083

Inverse Universe

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



42.6711, 38.0621, 99.7054



36.0112, 30.0387, 98.5078



50.3848, 39.8442, 99.6428



17.1269, 17.6253, 22.7493



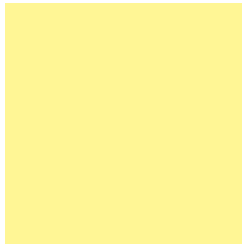
9.6202, 4.1499, 49.7286



0.9770, 0.4847, 4.8553

Previews

White Background



This preview shows how the XYZ color 79.6206, 89.3415, 41.4819 looks on a white background.

Color Contrast Check

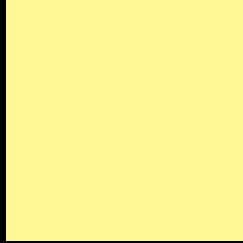
Large Text (above 18pt) WCAG AA × Fail

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 79.6206, 89.3415, 41.4819 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 79.6206, 89.3415, 41.4819

Background



This preview shows how black text looks on a background with the XYZ color 79.6206, 89.3415, 41.4819.

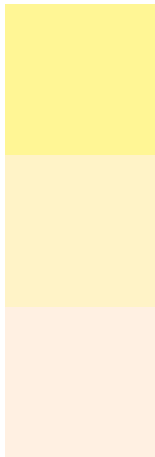


This preview shows how white text looks on a background with the XYZ color 79.6206, 89.3415,

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

79.6206, 89.3415, 41.4819

Protanopia

83.5994, 89.4847, 66.8989

Deuteranopia

86.1276, 89.0712, 84.6046



Tritanopia

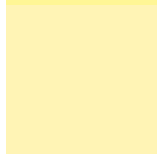
88.6030, 89.1245, 100.5285

Trichromacy



Original Color

79.6206, 89.3415, 41.4819



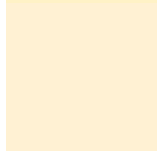
Protanomaly

81.9312, 89.2976, 56.6340



Deuteranomaly

83.1852, 88.8415, 66.1899



Tritanomaly

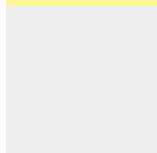
84.4532, 88.8737, 74.3312

Monochromacy



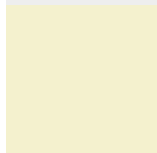
Original Color

79.6206, 89.3415, 41.4819



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.9041, 86.5999, 70.8966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6206, 89.3415, 41.4819 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, 246, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 149)  
}
```

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, 246, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 149) }
```

Border

The CSS property to change the border of an element to XYZ 79.6206, 89.3415, 41.4819 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, 246, 149) }
```


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

```
.border{ border-color:rgb(255, 246, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6206, 89.3415, 41.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 149) }
```

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

```
.background{ background-color: rgb(255,  
246, 149) }
```

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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