

Converting Colors

XYZ(101.9373, 100.0000,
44.3562)

Have a look what the booklet for
XYZ(101.9373, 100.0000, 44.3562)
contains.

XYZ(79.4234, 88.2945, 43.4283)	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(79.4234, 88.2945,
43.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF49A
RGB	255, 244, 154
RGB Percent	100%, 96%, 60%
CMY	0.0000, 0.0431, 0.3961
CMYK	0.00, 0.04, 0.40, 0.00
HSL	53°, 100%, 80%
HSV	53°, 40%, 100%
XYZ	79.4234, 88.2945, 43.4283
YIQ	237.0290, 35.4460, -25.6580

Conversions

Conversions Part 2

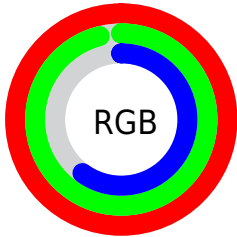
Format	Color
R _Y B	166, 255, 154
Decimal	16774298
CIE Lab	95.28, -8.73, 44.65
CIE LCh	95, 45.495, 101.060
Yxy	88.2945, 0.3762, 0.4182
Android (android.graphics.Color)	4294964378 (0xFFFFFFFF49A)
YUV	237.0290, -40.9333, 15.7606
Hunter-Lab	93.9652, -13.5631, 38.3733

Details

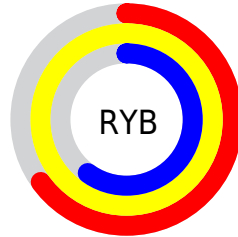
The XYZ color **79.4234, 88.2945, 43.4283** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.8312, 40.9990, 100.1583**, and the grayscale version is **80.8067, 85.0150, 92.5813**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **43.3581, 48.7763, 19.4415** is the 20% darker color. If you saturate the color by 10%, you get **76.6931, 85.8793, 33.1302**, and if you desaturate by 10%, it is **82.6218, 90.9234, 56.1102**.

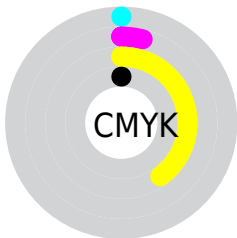
Distribution



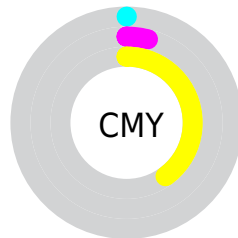
- Red (100%)
- Green (96%)
- Blue (60%)



- Red (65%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4234, 88.2945, 43.4283 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 79.4234, 88.2945, 43.4283 by changing the saturation by 10% instead.


 79.4234, 88.2945,
43.4283


 79.4234, 88.2945,
43.4283


481.7537,
522.4672, 376.3430

 59.5508, 66.5670,
29.8874


 131.5095,
144.9671, 81.6501

 43.3048, 48.7328,
19.5018


 164.4538,
180.6810, 107.1680

 30.3199, 34.4076,
11.8530

202.4860,
221.8258, 137.5154

 20.2308, 23.2069,
6.5223

245.9716,
268.7858, 173.1108

 12.6721, 14.7463,
3.0913

295.2757,
321.9456, 214.3727

 7.2786, 8.6416,
1.1415

350.7639,

 3.6848, 4.5081,

381.6895, 261.7197

0.0000

412.8014,
448.4019, 315.5703

■ 1.5254, 1.9617,
0.0000

■ 0.3430, 0.5851,
0.0000

■ 79.4234, 88.2945,
43.4283

■ 79.4234, 88.2945,
43.4283

■ 76.6931, 85.8793,
33.1302

■ 82.6218, 90.9234,
56.1102

■ 74.3956, 83.6540,
25.0584

■ 86.3080, 93.7646,
71.3087

■ 72.5007, 81.6097,
19.0456

■ 90.5087, 96.8318,
89.1535

■ 70.9717, 79.7317,
14.8983

95.0499, 100.0000,
108.9000

■ 69.7648, 78.0022,
12.3859

■ 68.8113, 76.3938,
11.1475

■ 68.7759, 76.3318,
11.1086

Harmonies

Analogous

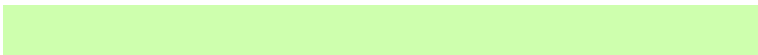
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9129, 88.2945, 44.8762



79.4234, 88.2945, 43.4283



69.1935, 88.2945, 53.2424

Triad

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



79.4234, 88.2945, 43.4283



67.1731, 88.2945, 148.4165



108.5938, 88.2945, 120.0869

Complementary

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



79.4234, 88.2945, 43.4283



44.8312, 40.9990, 100.1583

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.



100.6033, 88.2945, 157.4717



79.4234, 88.2945, 43.4283



76.4069, 88.2945, 176.4133

Square

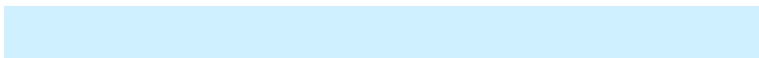
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4234, 88.2945, 43.4283



62.5999, 88.2945, 109.8623



88.5858, 88.2945, 180.0844



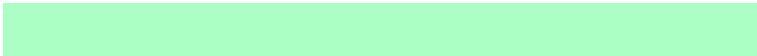
109.6055, 88.2945, 83.6066

Rectangle

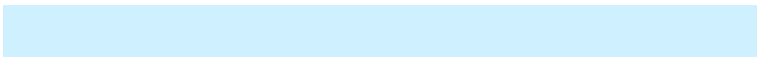
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4234, 88.2945, 43.4283



64.7110, 88.2945, 66.6973



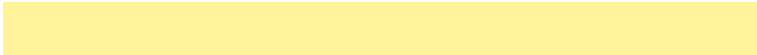
88.5858, 88.2945, 180.0844



106.6005, 88.2945, 133.1719

Sweetspot

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



79.4256, 88.2985, 43.4301



89.4555, 96.0768, 84.6356



59.6592, 47.1173, 41.9235



19.0268, 20.4774, 17.6018



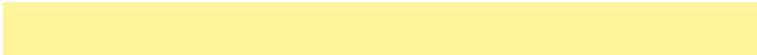
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

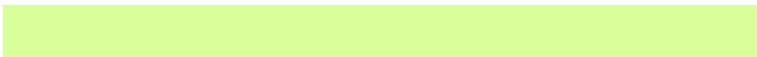
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4256, 88.2985, 43.4301



77.1022, 86.2548, 34.6308



69.9958, 88.4953, 43.9651



19.3824, 20.7330, 19.1246



36.0049, 40.0210, 5.8272



3.5519, 3.9892, 0.5828

Inverse Universe

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



44.8312, 40.9990, 100.1583



37.9268, 32.7080, 98.9221



51.5265, 41.6325, 99.9277



17.1621, 17.6959, 22.7611



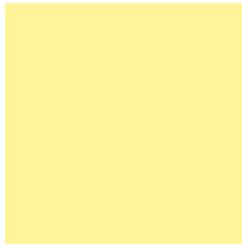
9.6963, 4.3022, 49.7539



0.9936, 0.5180, 4.8609

Previews

White Background



This preview shows how the XYZ color 79.4234, 88.2945, 43.4283 looks on a white background.

Color Contrast Check

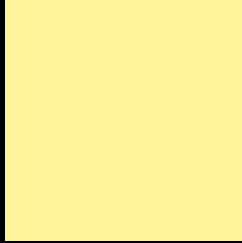
Large Text (above 18pt) WCAG AA × Fail

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 79.4234, 88.2945, 43.4283 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 79.4234, 88.2945, 43.4283

Background



This preview shows how black text looks on a background with the XYZ color 79.4234, 88.2945, 43.4283.

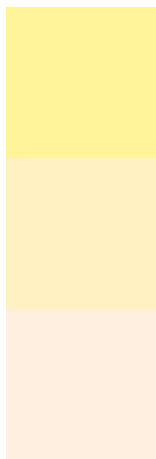


This preview shows how white text looks on a background with the XYZ color 79.4234, 88.2945,

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

79.4234, 88.2945, 43.4283

Protanopia

82.3209, 88.0208, 63.1030

Deuteranopia

85.5610, 88.3748, 83.0695



Tritanopia

87.8700, 87.9047, 99.5248

Trichromacy



Original Color

79.4234, 88.2945, 43.4283



Protanomaly

81.1288, 88.0189, 55.3612



Deuteranomaly

83.0041, 88.2941, 66.7005



Tritanomaly

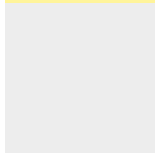
84.1167, 87.7971, 75.4639

Monochromacy



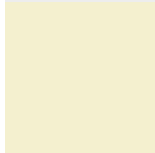
Original Color

79.4234, 88.2945, 43.4283



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

79.7308, 86.0583, 71.4401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4234, 88.2945, 43.4283 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, 244, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 154)  
}
```

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, 244, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 154) }
```

Border

The CSS property to change the border of an element to XYZ 79.4234, 88.2945, 43.4283 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, 244, 154) }
```


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

```
.border{ border-color:rgb(255, 244, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4234, 88.2945, 43.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 154) }
```

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

```
.background{ background-color: rgb(255,  
244, 154) }
```

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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