

Converting Colors

XYZ(79.3012, 88.7280, 41.2976)

Have a look what the booklet for
XYZ(79.3012, 88.7280, 41.2976)
contains.

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Color

**XYZ(79.3172, 88.7347,
41.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF595
RGB	255, 245, 149
RGB Percent	100%, 96%, 58%
CMY	0.0000, 0.0392, 0.4157
CMYK	0.00, 0.04, 0.42, 0.00
HSL	54°, 100%, 79%
HSV	54°, 42%, 100%
XYZ	79.3172, 88.7347, 41.3808
YIQ	237.0460, 36.7760, -27.7360

Conversions

Conversions Part 2

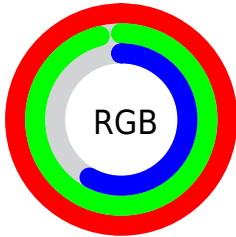
Format	Color
R _Y B	160, 255, 149
Decimal	16774549
CIE Lab	95.47, -9.73, 47.32
CIE LCh	95, 48.310, 101.623
Yxy	88.7347, 0.3787, 0.4237
Android (android.graphics.Color)	4294964629 (0xFFFFF595)
YUV	237.0460, -43.4067, 15.7457
Hunter-Lab	94.1991, -14.5485, 39.8938

Details

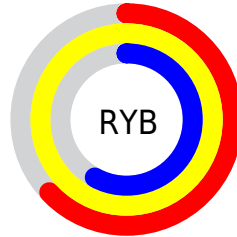
The XYZ color **79.3172, 88.7347, 41.3808** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.8424, 38.4047, 99.7624**, and the grayscale version is **80.8375, 85.0474, 92.6166**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **43.3349, 49.1100, 18.2615** is the 20% darker color. If you saturate the color by 10%, you get **76.7784, 86.5661, 31.5666**, and if you desaturate by 10%, it is **82.3155, 91.1086, 53.5491**.

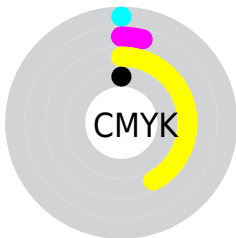
Distribution



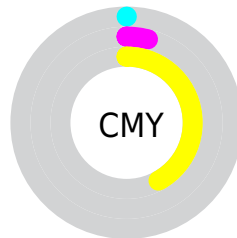
- Red (100%)
- Green (96%)
- Blue (58%)



- Red (63%)
- 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 79.3172, 88.7347, 41.3808 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 79.3172, 88.7347, 41.3808 by changing the saturation by 10% instead.


 79.3172, 88.7347,
41.3808


 79.3172, 88.7347,
41.3808


481.4004,
523.9062, 367.6333

 59.4632, 66.9317,
28.2948


 131.3609,
145.5796, 78.5216

 43.2339, 49.0291,
18.3070


 164.2813,
181.3902, 103.4134

 30.2640, 34.6426,
10.9989


202.2878,
222.6389, 133.0777

 20.1881, 23.3877,
5.9520


245.7459,
269.7100, 167.9328

 12.6409, 14.8800,
2.7476

295.0208,
322.9879, 208.3974

 7.2570, 8.7352,
0.9672

350.4780,

 3.6711, 4.5689,

382.8569, 254.8900

0.0000

412.4827,
449.7016, 307.8291

■ 1.5178, 1.9966,
0.0000

■ 0.3379, 0.6055,
0.0000

■ 79.3172, 88.7347,
41.3808

■ 79.3172, 88.7347,
41.3808

■ 76.7784, 86.5661,
31.5666

■ 82.3155, 91.1086,
53.5491

■ 74.6632, 84.5789,
23.9461

■ 85.7937, 93.6864,
68.2067

■ 72.9408, 82.7638,
18.3479

■ 89.7784, 96.4821,
85.4853

■ 71.5732, 81.1055,
14.5722

■ 94.2928, 99.5049,
105.5056

■ 70.5150, 79.5859, 95.0499, 100.0000,
12.3792 108.9000

■ 69.8043, 78.3887,
11.4515

Harmonies

Analogous

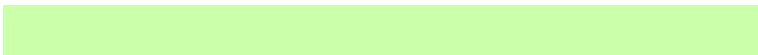
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6170, 88.7347, 42.6559



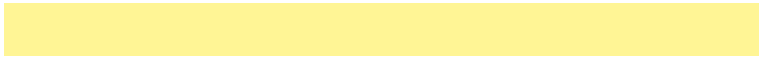
79.3172, 88.7347, 41.3808



68.5449, 88.7347, 51.7457

Triad

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



79.3172, 88.7347, 41.3808



66.7158, 88.7347, 153.5424



110.8597, 88.7347, 121.4553

Complementary

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



79.3172, 88.7347, 41.3808



42.8424, 38.4047, 99.7624

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.



102.3916, 88.7347, 161.9565



79.3172, 88.7347, 41.3808



76.5708, 88.7347, 183.5665

Square

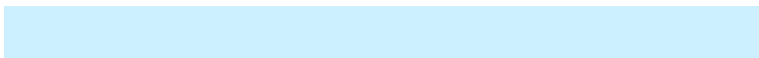
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3172, 88.7347, 41.3808



61.7946, 88.7347, 112.0523



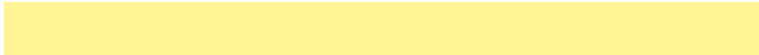
89.5698, 88.7347, 186.9953



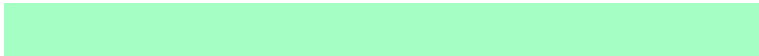
111.7930, 88.7347, 82.6685

Rectangle

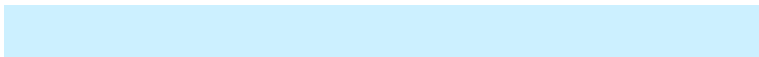
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3172, 88.7347, 41.3808



63.8780, 88.7347, 65.9615



89.5698, 88.7347, 186.9953



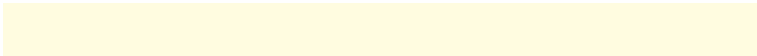
108.7617, 88.7347, 135.5462

Sweetspot

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



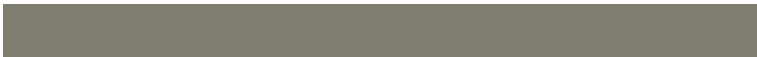
79.3194, 88.7388, 41.3826



89.5954, 96.3567, 84.6823



58.2983, 45.2799, 38.7429



19.0600, 20.5437, 17.6129



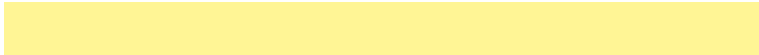
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

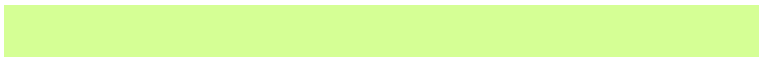
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3194, 88.7388, 41.3826



77.1479, 86.8943, 32.9561



68.5100, 87.7765, 41.7666



19.4062, 20.7806, 19.1326



36.5344, 41.0801, 6.0037



3.5981, 4.0816, 0.5982

Inverse Universe

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



42.8424, 38.4047, 99.7624



36.1852, 30.3869, 98.5658



50.3849, 39.8443, 99.6428



17.1407, 17.6530, 22.7539



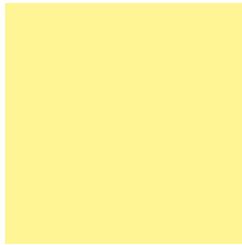
9.6483, 4.2062, 49.7379



0.9835, 0.4978, 4.8575

Previews

White Background



This preview shows how the XYZ color 79.3172, 88.7347, 41.3808 looks on a white background.

Color Contrast Check

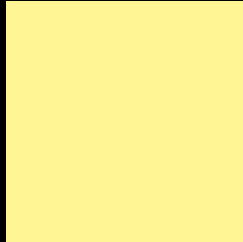
Large Text (above 18pt) WCAG AA × Fail

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 79.3172, 88.7347, 41.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

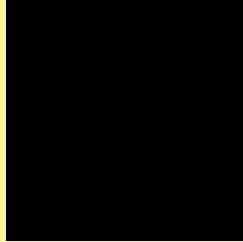
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3172, 88.7347, 41.3808

Background



This preview shows how black text looks on a background with the XYZ color 79.3172, 88.7347, 41.3808.

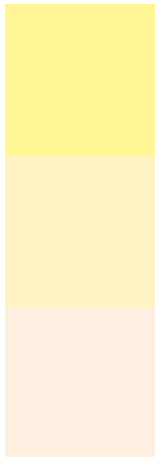


This preview shows how white text looks on a background with the XYZ color 79.3172, 88.7347,

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

79.3172, 88.7347, 41.3808

Protanopia

82.8425, 88.7044, 64.3852

Deuteranopia

85.5610, 88.3748, 83.0695



Tritanopia

88.3127, 88.5438, 100.4318

Trichromacy



Original Color

79.3172, 88.7347, 41.3808



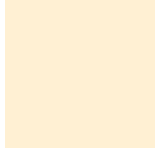
Protanomaly

81.3265, 88.5755, 54.9299



Deuteranomaly

82.7733, 88.2018, 65.4854



Tritanomaly

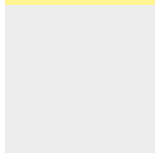
84.1580, 88.2833, 74.2328

Monochromacy



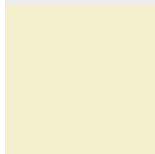
Original Color

79.3172, 88.7347, 41.3808



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

79.4878, 85.9611, 70.1603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3172, 88.7347, 41.3808 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, 245, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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, 245, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 149) }
```

Border

The CSS property to change the border of an element to XYZ 79.3172, 88.7347, 41.3808 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, 245, 149) }
```


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

```
.border{ border-color:rgb(255, 245, 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, 245, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3172, 88.7347, 41.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 149) }
```

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

```
.background{ background-color: rgb(255,  
245, 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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