

Converting Colors

XYZ(125.7590, 111.7745,
46.0593)

Have a look what the booklet for
XYZ(125.7590, 111.7745, 46.0593)
contains.

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Color

**XYZ(79.2070, 87.7277,
43.7688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF39B
RGB	255, 243, 155
RGB Percent	100%, 95%, 61%
CMY	0.0000, 0.0470, 0.3921
CMYK	0.00, 0.05, 0.39, 0.00
HSL	53°, 100%, 80%
HSV	53°, 39%, 100%
XYZ	79.2070, 87.7277, 43.7688
YIQ	236.5560, 35.4000, -24.8240

Conversions

Conversions Part 2

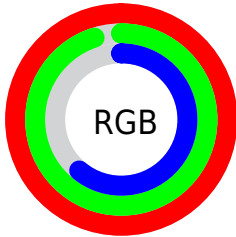
Format	Color
RYB	169, 255, 155
Decimal	16774043
CIELab	95.05, -8.13, 43.85
CIELCh	95, 44.602, 100.499
Yxy	87.7277, 0.3759, 0.4164
Android (android.graphics.Color)	4294964123 (0xFFFFF39B)
YUV	236.5560, -40.2071, 16.1754
Hunter-Lab	93.6631, -12.9603, 37.8579

Details

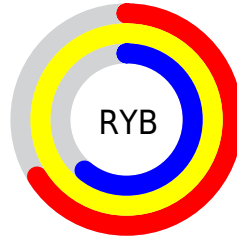
The XYZ color **79.2070, 87.7277, 43.7688** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.3861, 41.8248, 100.2886**, and the grayscale version is **80.4369, 84.6259, 92.1576**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **43.1946, 48.3703, 19.6302** is the 20% darker color. If you saturate the color by 10%, you get **76.3807, 85.1480, 33.3540**, and if you desaturate by 10%, it is **82.5050, 90.5268, 56.5739**.

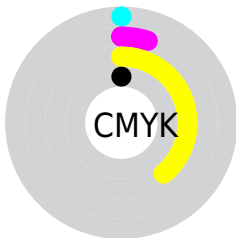
Distribution



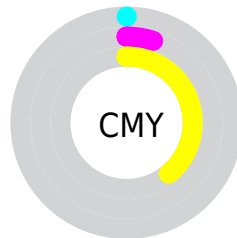
- Red (100%)
- Green (95%)
- Blue (61%)



- Red (66%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2070, 87.7277, 43.7688 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 79.2070, 87.7277, 43.7688 by changing the saturation by 10% instead.


 79.2070, 87.7277,
43.7688


 79.2070, 87.7277,
43.7688


481.0337,
520.6111, 377.7777

 59.3722, 66.0976,
30.1529


 131.2066,
144.1780, 82.1685

 43.1604, 48.3516,
19.7017


 164.1022,
179.7670, 107.7894

 30.2060, 34.1054,
11.9964

202.0821,
220.7777, 138.2491

 20.1439, 22.9746,
6.6187

245.5116,
267.5945, 173.9660

 12.6085, 14.5748,
3.1500

294.7562,
320.6019, 215.3588

 7.2347, 8.5215,
1.1717

350.1812,

 3.6569, 4.4304,

380.1842, 262.8460

0.0000

412.1519,
446.7258, 316.8461

■ 1.5099, 1.9171,
0.0000

■ 0.3326, 0.5586,
0.0000

■ 79.2070, 87.7277,
43.7688

■ 79.2070, 87.7277,
43.7688

■ 76.3807, 85.1480,
33.3540

■ 82.5050, 90.5268,
56.5739

■ 73.9911, 82.7640,
25.1727

■ 86.2947, 93.5440,
71.9017

■ 72.0080, 80.5669,
19.0583

■ 90.6024, 96.7930,
89.8816

■ 70.3950, 78.5418,
14.8183

95.0500, 100.0000,
108.9000

■ 69.1086, 76.6712,
12.2243

■ 68.0833, 74.9290,
10.9319

■ 68.0075, 74.7951,
10.8525

Harmonies

Analogous

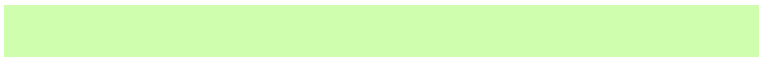
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4085, 87.7277, 45.4006



79.2070, 87.7277, 43.7688



69.1423, 87.7277, 53.2190

Triad

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



79.2070, 87.7277, 43.7688



66.8839, 87.7277, 145.7638



107.3412, 87.7277, 119.5838

Complementary

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



79.2070, 87.7277, 43.7688



45.3861, 41.8248, 100.2886

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.



99.4549, 87.7277, 155.8069



79.2070, 87.7277, 43.7688



75.8407, 87.7277, 173.2770

Square

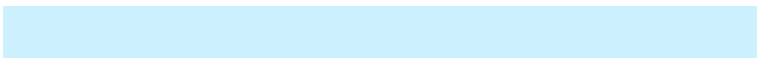
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2070, 87.7277, 43.7688



62.4992, 87.7277, 108.2080



87.7023, 87.7277, 177.3423



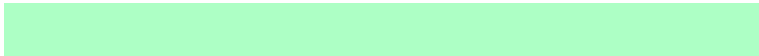
108.4658, 87.7277, 83.8658

Rectangle

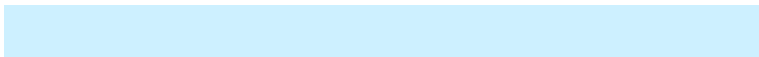
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2070, 87.7277, 43.7688



64.6962, 87.7277, 66.2738



87.7023, 87.7277, 177.3423



105.3595, 87.7277, 132.3097

Sweetspot

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



79.2091, 87.7317, 43.7706



89.3492, 95.8642, 84.6002



60.0610, 47.5432, 43.2211



19.0017, 20.4270, 17.5934



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

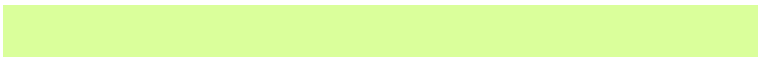
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2091, 87.7317, 43.7706



76.9683, 85.7025, 35.4627



70.6901, 88.8437, 44.4343



19.3643, 20.6968, 19.1186



35.6091, 39.2293, 5.6952



3.5173, 3.9201, 0.5713

Inverse Universe

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



45.3861, 41.8248, 100.2886



38.8965, 34.0446, 99.1289



51.4261, 41.8268, 99.9707



17.1785, 17.7285, 22.7665



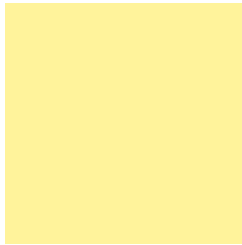
9.7367, 4.3829, 49.7674



1.0013, 0.5333, 4.8634

Previews

White Background



This preview shows how the XYZ color 79.2070, 87.7277, 43.7688 looks on a white background.

Color Contrast Check

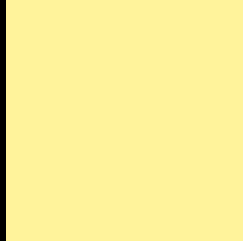
Large Text (above 18pt) WCAG AA × Fail

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 79.2070, 87.7277, 43.7688 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 79.2070, 87.7277, 43.7688

Background



This preview shows how black text looks on a background with the XYZ color 79.2070, 87.7277, 43.7688.



This preview shows how white text looks on a background with the XYZ color 79.2070, 87.7277,

43.7688.

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

79.2070, 87.7277, 43.7688

Protanopia

81.8806, 87.8447, 60.7843

Deuteranopia

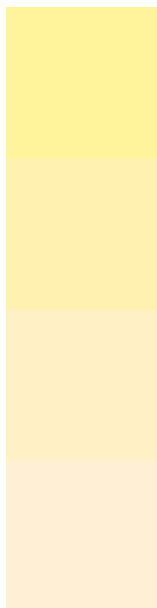
84.9994, 87.6830, 81.5518



Tritanopia

87.8700, 87.9047, 99.5248

Trichromacy



Original Color

79.2070, 87.7277, 43.7688

Protanomaly

80.9279, 87.9386, 54.3035

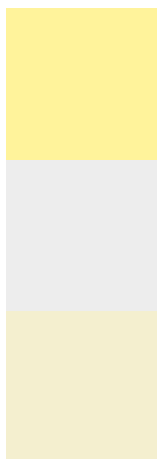
Deuteranomaly

82.5931, 87.6574, 65.9925

Tritanomaly

84.1167, 87.7971, 75.4639

Monochromacy



Original Color

79.2070, 87.7277, 43.7688

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.4372, 85.4711, 71.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2070, 87.7277, 43.7688 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, 243, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 155)  
}
```

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, 243, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 155) }
```

Border

The CSS property to change the border of an element to XYZ 79.2070, 87.7277, 43.7688 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, 243, 155) }
```


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

```
.border{ border-color:rgb(255, 243, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2070, 87.7277, 43.7688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 155) }
```

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

```
.background{ background-color: rgb(255,  
243, 155) }
```

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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