

Converting Colors

XYZ(79.9083, 84.7533, 57.4965)

Have a look what the booklet for
XYZ(79.9083, 84.7533, 57.4965)
contains.

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Color

**XYZ(79.8872, 84.7116,
57.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECB8
RGB	255, 236, 184
RGB Percent	100%, 93%, 72%
CMY	0.0000, 0.0745, 0.2784
CMYK	0.00, 0.07, 0.28, 0.00
HSL	44°, 100%, 86%
HSV	44°, 28%, 100%
XYZ	79.8872, 84.7116, 57.4879
YIQ	235.7530, 28.0160, -12.1440

Conversions

Conversions Part 2

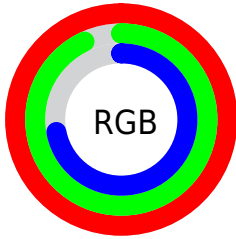
Format	Color
R _Y B	210, 255, 184
Decimal	16772280
CIE Lab	93.76, -1.23, 27.59
CIE LCh	94, 27.619, 92.562
Yxy	84.7116, 0.3597, 0.3814
Android (android.graphics.Color)	4294962360 (0xFFFFE0B8)
YUV	235.7530, -25.5142, 16.8796
Hunter-Lab	92.0389, -6.1351, 27.3944

Details

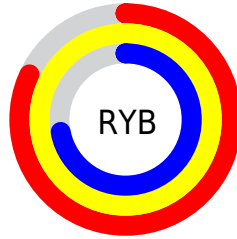
The XYZ color **79.8872, 84.7116, 57.4879** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.1726, 60.1205, 103.0934**, and the grayscale version is **79.7156, 83.8670, 91.3312**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **43.7067, 46.2870, 28.1034** is the 20% darker color. If you saturate the color by 10%, you get **75.5253, 79.8868, 44.0139**, and if you desaturate by 10%, it is **84.8101, 89.8868, 73.5280**.

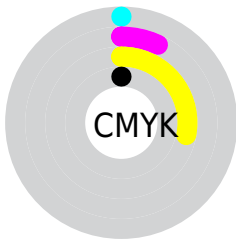
Distribution



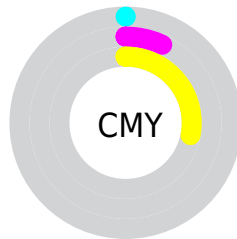
- Red (100%)
- Green (93%)
- Blue (72%)



- Red (82%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8872, 84.7116, 57.4879 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 79.8872, 84.7116, 57.4879 by changing the saturation by 10% instead.

 79.8872, 84.7116,
57.4879

 79.8872, 84.7116,
57.4879

483.2949,
510.6733, 432.8199

 59.9337, 63.6031,
40.9851

 132.1585,
139.9702, 102.6841

 43.6144, 46.3293,
27.9878


165.2070,
174.8890, 132.2147

 30.5641, 32.5058,
18.0775


203.3511,
215.1802, 166.9249

 20.4174, 21.7481,
10.8356

246.9564,
261.2279, 207.2333

 12.8088, 13.6719,
5.8437

296.3880,
313.4167, 253.5585

 7.3731, 7.8928,
2.6830

352.0114,

 3.7449, 4.0265,

372.1309, 306.3189

0.9349

414.1919,
437.7550, 365.9332

■ 1.5589, 1.6884,
0.0000

■ 0.3654, 0.4161,
0.0000

■ 79.8872, 84.7116,
57.4879

■ 79.8872, 84.7116,
57.4879

■ 75.5253, 79.8868,
44.0139

■ 84.8101, 89.8868,
73.5280

■ 71.6915, 75.3890,
32.9641

■ 90.3127, 95.4122,
92.2553

■ 68.3587, 71.2089,
24.1906

95.0500, 100.0000,
108.9000

■ 65.4947, 67.3324,
17.5276

■ 63.0626, 63.7433,
12.7860

■ 61.0193, 60.4229,
9.7432

■ 59.3076, 57.3469,
8.1012

■ 58.9640, 56.7080,
7.8380

Harmonies

Analogous

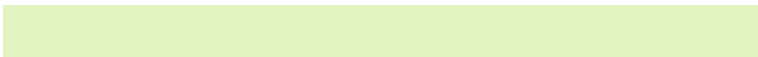
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1901, 84.7116, 60.8363



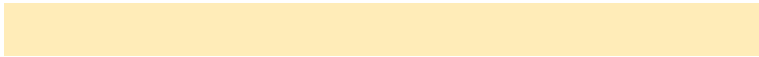
79.8872, 84.7116, 57.4879



73.1623, 84.7116, 62.2143

Triad

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



79.8872, 84.7116, 57.4879



69.2061, 84.7116, 115.7244



93.6906, 84.7116, 112.1255

Complementary

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



79.8872, 84.7116, 57.4879



59.1726, 60.1205, 103.0934

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.



88.3463, 84.7116, 130.6325



79.8872, 84.7116, 57.4879



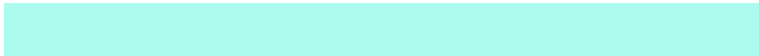
74.1912, 84.7116, 132.9222

Square

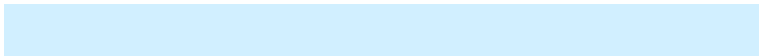
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8872, 84.7116, 57.4879



67.2341, 84.7116, 94.0534



81.1478, 84.7116, 138.7501



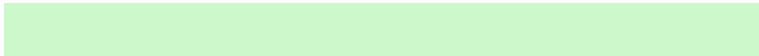
95.4408, 84.7116, 90.4432

Rectangle

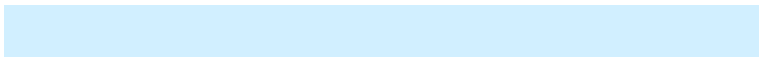
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8872, 84.7116, 57.4879



69.8301, 84.7116, 69.7997



81.1478, 84.7116, 138.7501



92.2396, 84.7116, 119.0298

Sweetspot

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



79.8893, 84.7154, 57.4897



90.2213, 95.3223, 91.9385



69.2942, 59.9072, 65.1121



19.1260, 20.2202, 19.0392



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

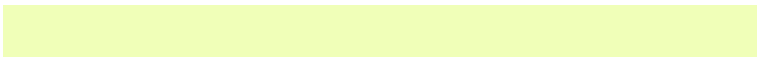
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8893, 84.7154, 57.4897



77.5705, 82.1829, 50.2276



80.2173, 93.4391, 59.1562



19.1260, 20.2202, 19.0392



30.9395, 29.8902, 4.1387



3.1025, 3.0904, 0.4330

Inverse Universe

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



59.1726, 60.1205, 103.0934



53.9620, 54.1613, 102.2178



58.8464, 53.6967, 101.8707



17.3982, 18.1681, 22.8398



10.6225, 6.1546, 50.0627



1.1196, 0.7699, 4.9029

Previews

White Background



This preview shows how the XYZ color 79.8872, 84.7116, 57.4879 looks on a white background.

Color Contrast Check

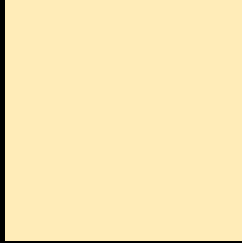
Large Text (above 18pt) WCAG AA × Fail

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 79.8872, 84.7116, 57.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

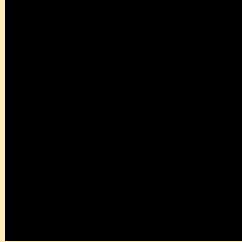
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8872, 84.7116, 57.4879

Background



This preview shows how black text looks on a background with the XYZ color 79.8872, 84.7116, 57.4879.



This preview shows how white text looks on a background with the XYZ color 79.8872, 84.7116,

57.4879.

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

79.8872, 84.7116, 57.4879

Protanopia

79.4439, 84.9117, 57.5499

Deuteranopia

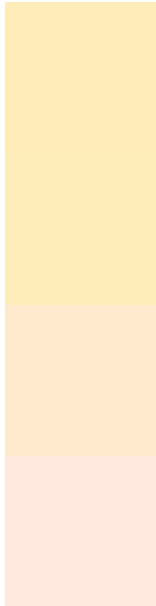
82.9033, 84.5476, 77.5955



Tritanopia

85.9936, 84.8829, 96.6457

Trichromacy



Original Color

79.8872, 84.7116, 57.4879

Protanomaly

79.8090, 85.0999, 57.5669

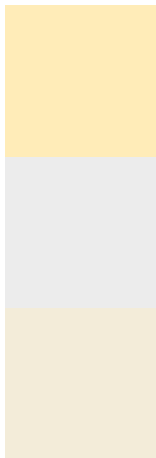
Deuteranomaly

81.6823, 84.5134, 69.7652

Tritanomaly

83.5637, 84.8118, 81.0733

Monochromacy



Original Color

79.8872, 84.7116, 57.4879

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.4820, 84.0553, 77.6808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8872, 84.7116, 57.4879 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, 236, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 184)  
}
```

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, 236, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 184) }
```

Border

The CSS property to change the border of an element to XYZ 79.8872, 84.7116, 57.4879 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, 236, 184) }
```


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

```
.border{ border-color:rgb(255, 236, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 236, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8872, 84.7116, 57.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 184) }
```

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

```
.background{ background-color: rgb(255,  
236, 184) }
```

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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