

Converting Colors

XYZ(79.1965, 82.4097, 67.1787)

Have a look what the booklet for
XYZ(79.1965, 82.4097, 67.1787)
contains.

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Color

**XYZ(79.1829, 82.4395,
66.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE8C9
RGB	251, 232, 201
RGB Percent	98%, 91%, 79%
CMY	0.0157, 0.0902, 0.2118
CMYK	0.00, 0.08, 0.20, 0.02
HSL	37°, 86%, 89%
HSV	37°, 20%, 98%
XYZ	79.1829, 82.4395, 66.9974
YIQ	234.1470, 21.2750, -5.6130

Conversions

Conversions Part 2

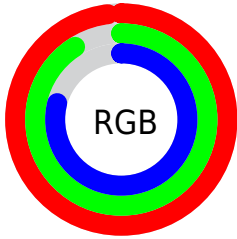
Format	Color
RYB	232, 251, 201
Decimal	16509129
CIELab	92.77, 1.64, 17.42
CIElCh	93, 17.499, 84.613
Yxy	82.4395, 0.3464, 0.3606
Android (android.graphics.Color)	4294699209 (0xFFFBE8C9)
YUV	234.1470, -16.3415, 14.7801
Hunter-Lab	90.7962, -3.2244, 19.8080

Details

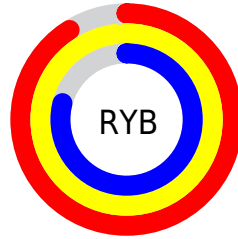
The XYZ color **79.1829, 82.4395, 66.9974** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.0928, 70.5673, 101.3520**, and the grayscale version is **78.4285, 82.5129, 89.8565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0399, 44.6266, 33.9491** is the 20% darker color. If you saturate the color by 10%, you get **73.8571, 76.1330, 51.8258**, and if you desaturate by 10%, it is **85.1412, 89.2377, 84.7621**.

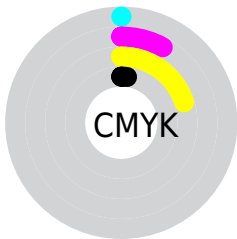
Distribution



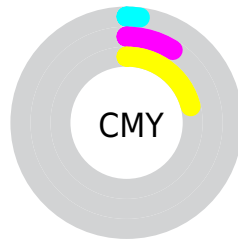
- Red (98%)
- Green (91%)
- Blue (79%)



- Red (91%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1829, 82.4395, 66.9974 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 79.1829, 82.4395, 66.9974 by changing the saturation by 10% instead.

79.1829, 82.4395,
66.9974

79.1829, 82.4395,
66.9974

480.9534,
503.1166, 468.4368

59.3523, 61.7279,
48.6209

131.1729,
136.7902, 116.5573

43.1443, 44.8128,
33.9554

164.0630,
171.1980, 148.5778

30.1934, 31.3100,
22.5822

202.0371,
210.9400, 185.9834

20.1342, 20.8350,
14.0830

245.4604,
256.4006, 229.1927

12.6015, 13.0035,
8.0390

294.6983,
307.9641, 278.6241

7.2298, 7.4309,
4.0318

350.1163,

3.6538, 3.7330,

366.0151, 334.6962

1.6428

412.0795,
430.9378, 397.8276

■ 1.5082, 1.5254,
0.3211

■ 0.3314, 0.3065,
0.0000

■ 79.1829, 82.4395,
66.9974

■ 79.1829, 82.4395,
66.9974

■ 73.8571, 76.1330,
51.8258

■ 85.1412, 89.2377,
84.7621

■ 69.1317, 70.2932,
39.1181

■ 91.7497, 96.5297,
105.2302

■ 64.9810, 64.9089,
28.7417

■ 93.5939, 99.2494,
108.8319

■ 61.3750, 59.9643,
20.5493

■ 58.2800, 55.4420,
14.3767

■ 55.6581, 51.3226,
10.0360

■ 53.4643, 47.5842,
7.3036

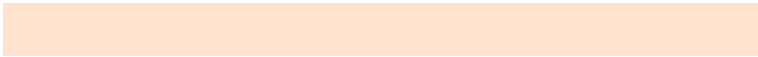
■ 51.6269, 44.1936,
5.8150

■ 51.6130, 44.1676,
5.8049

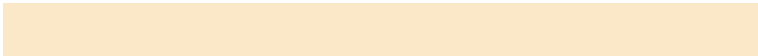
Harmonies

Analogous

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



83.5479, 82.4395, 70.7954



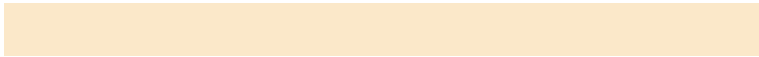
79.1829, 82.4395, 66.9974



74.7585, 82.4395, 68.8006

Triad

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



79.1829, 82.4395, 66.9974



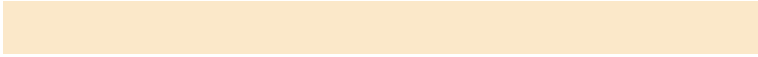
70.6470, 82.4395, 100.6402



85.7293, 82.4395, 105.1149

Complementary

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



79.1829, 82.4395, 66.9974



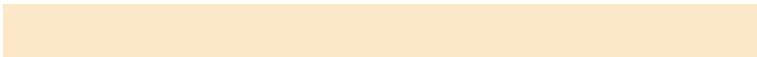
67.0928, 70.5673, 101.3520

Split Complementary

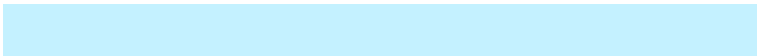
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0677, 82.4395, 114.6008



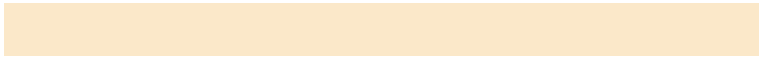
79.1829, 82.4395, 66.9974



73.3843, 82.4395, 111.8467

Square

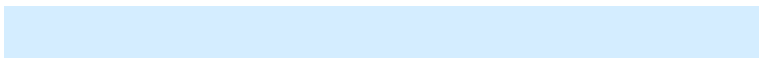
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1829, 82.4395, 66.9974



69.9415, 82.4395, 87.4241



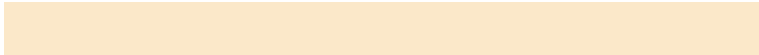
77.5354, 82.4395, 117.1761



87.4203, 82.4395, 92.1425

Rectangle

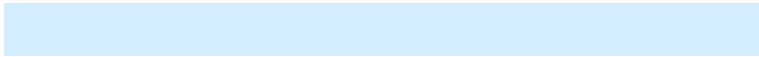
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1829, 82.4395, 66.9974



72.3542, 82.4395, 73.0365



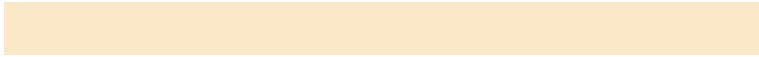
77.5354, 82.4395, 117.1761



84.6814, 82.4395, 108.8652

Sweetspot

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



79.1851, 82.4432, 66.9991



90.8573, 95.4008, 95.8301



73.6115, 67.4597, 76.9682



19.3527, 20.3150, 20.2204



0.0000, 0.0000, 0.0000



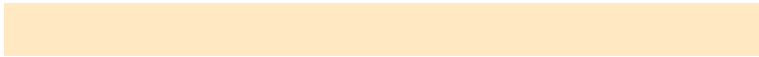
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1851, 82.4432, 66.9991



79.7415, 82.7187, 62.6847



82.7549, 92.6545, 68.7820



18.1411, 19.0181, 18.1771



27.2747, 23.5061, 3.0996



2.6283, 2.3815, 0.3211

Inverse Universe

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



67.0928, 70.5673, 101.3520



65.0725, 68.3143, 104.3640



63.9859, 61.9809, 99.8584



16.8234, 17.7237, 21.9196



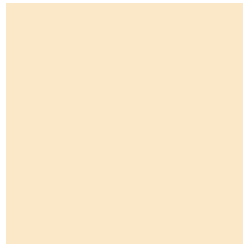
11.4499, 8.2555, 48.9635



1.1591, 0.9618, 4.5677

Previews

White Background



This preview shows how the XYZ color 79.1829, 82.4395, 66.9974 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 79.1829, 82.4395, 66.9974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

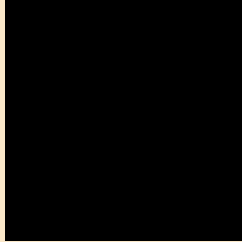
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1829, 82.4395, 66.9974

Background



This preview shows how black text looks on a background with the XYZ color 79.1829, 82.4395, 66.9974.



This preview shows how white text looks on a background with the XYZ color 79.1829, 82.4395,

66.9974.

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

79.1829, 82.4395, 66.9974

Protanopia

78.0895, 82.7027, 67.7246

Deuteranopia

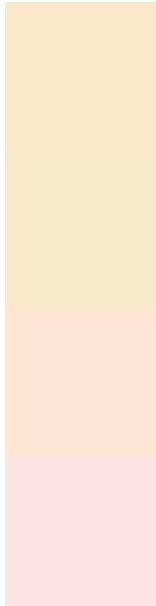
81.6540, 82.2565, 76.5392



Tritanopia

84.8867, 82.6692, 96.2768

Trichromacy



Original Color

79.1829, 82.4395, 66.9974

Protanomaly

78.5110, 82.4986, 67.6630

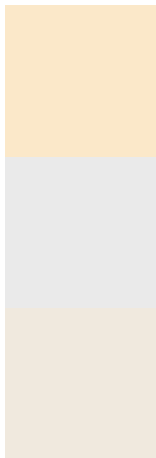
Deuteranomaly

80.9277, 82.3676, 73.2612

Tritanomaly

82.8960, 82.7109, 84.9945

Monochromacy



Original Color

79.1829, 82.4395, 66.9974

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2589, 82.0770, 80.8250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1829, 82.4395, 66.9974 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(251, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 232, 201)  
}
```

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(251, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 232, 201) }
```

Border

The CSS property to change the border of an element to XYZ 79.1829, 82.4395, 66.9974 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(251, 232, 201) }
```


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

```
.border{ border-color:rgb(251, 232, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 232, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 232,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1829, 82.4395, 66.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 232, 201) }
```

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

```
.background{ background-color: rgb(251,  
232, 201) }
```

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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