

Converting Colors

XYZ(79.7108, 81.5940, 62.8437)

Have a look what the booklet for
XYZ(79.7108, 81.5940, 62.8437)
contains.

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Color

**XYZ(78.9969, 81.1937,
62.5473)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C2
RGB	255, 229, 194
RGB Percent	100%, 90%, 76%
CMY	0.0000, 0.1019, 0.2392
CMYK	0.00, 0.10, 0.24, 0.00
HSL	34°, 100%, 88%
HSV	34°, 24%, 100%
XYZ	78.9969, 81.1937, 62.5473
YIQ	232.7840, 26.7310, -5.3730

Conversions

Conversions Part 2

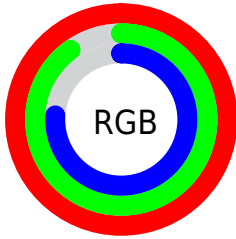
Format	Color
R _Y B	239, 255, 194
Decimal	16770498
CIE Lab	92.22, 3.65, 20.33
CIE LCh	92, 20.650, 79.825
Yxy	81.1937, 0.3547, 0.3645
Android (android.graphics.Color)	4294960578 (0xFFFFE5C2)
YUV	232.7840, -19.1205, 19.4834
Hunter-Lab	90.1075, -1.1980, 21.9197

Details

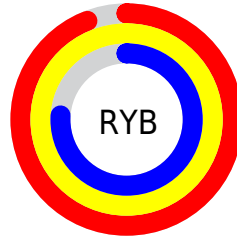
The XYZ color **78.9969, 81.1937, 62.5473** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.8906, 69.8736, 104.6219**, and the grayscale version is **77.4166, 81.4482, 88.6971**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **43.1584, 44.1713, 31.0622** is the 20% darker color. If you saturate the color by 10%, you get **73.4625, 74.3213, 47.7650**, and if you desaturate by 10%, it is **85.2151, 88.6463, 79.9839**.

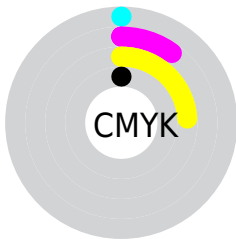
Distribution



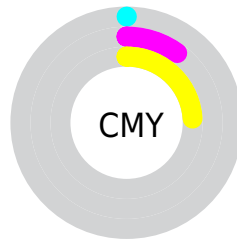
- Red (100%)
- Green (90%)
- Blue (76%)



- Red (94%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9969, 81.1937, 62.5473 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 78.9969, 81.1937, 62.5473 by changing the saturation by 10% instead.


 78.9969, 81.1937,
62.5473

 78.9969, 81.1937,
62.5473


480.3340,
498.9466, 451.9873

 59.1989, 60.7011,
45.0364


130.9124,
135.0427, 110.0954

 43.0202, 43.9840,
31.1430


163.7607,
169.1680, 140.9697

 30.0956, 30.6579,
20.4484


201.6897,
208.6062, 177.1356

 20.0596, 20.3385,
12.5341

245.0649,
253.7419, 219.0116

 12.5469, 12.6414,
6.9816

294.2515,
304.9594, 267.0162

 7.1921, 7.1821,
3.3723

349.6150,

 3.6299, 3.5762,

362.6431, 321.5680

1.2877

411.5208,
427.1774, 383.0855

■ 1.4950, 1.4394,
0.0517

■ 0.3224, 0.2455,
0.0000

■ 78.9969, 81.1937,
62.5473

■ 78.9969, 81.1937,
62.5473

■ 73.4625, 74.3213,
47.7650

■ 85.2151, 88.6463,
79.9839

■ 68.5772, 68.0015,
35.4985

■ 92.1375, 96.6844,
100.1935

■ 64.3123, 62.2199,
25.6048

95.0500, 100.0000,
108.9000

■ 60.6341, 56.9572,
17.9237

■ 57.5048, 52.1925,
12.2755

■ 54.8813, 47.9022,
8.4515

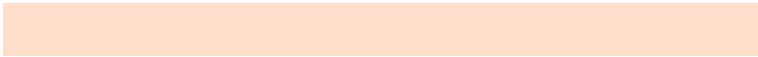
■ 52.7114, 44.0591,
6.1970

■ 51.5706, 41.9212,
5.3735

Harmonies

Analogous

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



83.9749, 81.1937, 67.8208



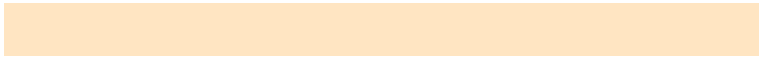
78.9969, 81.1937, 62.5473



73.7480, 81.1937, 63.5677

Triad

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



78.9969, 81.1937, 62.5473



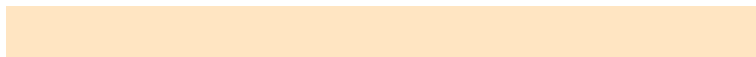
67.9262, 81.1937, 98.7399



85.2715, 81.1937, 108.7269

Complementary

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



78.9969, 81.1937, 62.5473



65.8906, 69.8736, 104.6219

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.



80.7008, 81.1937, 118.9947



78.9969, 81.1937, 62.5473



70.7471, 81.1937, 112.7848

Square

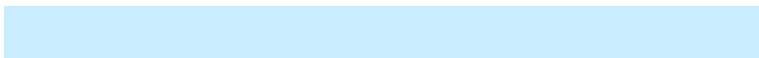
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9969, 81.1937, 62.5473



67.5172, 81.1937, 83.3216



75.3758, 81.1937, 120.5597



87.7064, 81.1937, 93.6934

Rectangle

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



78.9969, 81.1937, 62.5473



70.7923, 81.1937, 67.7246



75.3758, 81.1937, 120.5597



83.9243, 81.1937, 112.9201

Sweetspot

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



78.9989, 81.1973, 62.5490



89.9292, 94.1456, 93.6679



73.5081, 65.0348, 76.6908



19.1576, 20.0459, 19.7818



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

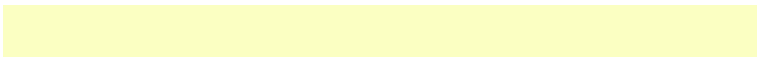
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9989, 81.1973, 62.5490



76.1037, 77.6343, 54.7168



85.2575, 95.9120, 65.0594



18.8749, 19.7180, 18.9555



27.0979, 22.2071, 2.8582



2.7468, 2.3790, 0.3144

Inverse Universe

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



65.8906, 69.8736, 104.6219



60.8022, 64.4187, 103.8372



60.6489, 57.8195, 102.5715



17.6394, 18.6504, 22.9201



12.4111, 9.7319, 50.6589



1.3141, 1.1588, 4.9677

Previews

White Background



This preview shows how the XYZ color 78.9969, 81.1937, 62.5473 looks on a white background.

Color Contrast Check

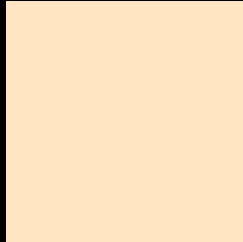
Large Text (above 18pt) WCAG AA × Fail

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 78.9969, 81.1937, 62.5473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

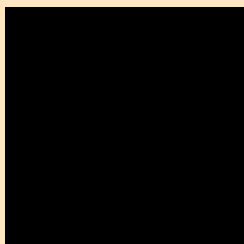
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9969, 81.1937, 62.5473

Background



This preview shows how black text looks on a background with the XYZ color 78.9969, 81.1937, 62.5473.

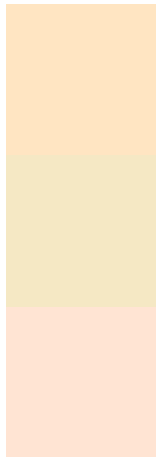


This preview shows how white text looks on a background with the XYZ color 78.9969, 81.1937,

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

78.9969, 81.1937, 62.5473

Protanopia

76.4766, 81.1112, 63.8498

Deuteranopia

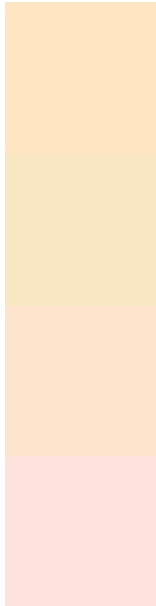
80.7413, 81.4500, 73.0939



Tritanopia

83.5978, 81.2835, 92.1721

Trichromacy



Original Color

78.9969, 81.1937, 62.5473

Protanomaly

77.4932, 81.2317, 63.2247

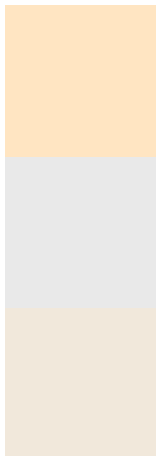
Deuteranomaly

80.0028, 81.1546, 69.2054

Tritanomaly

81.6212, 80.9266, 80.4257

Monochromacy



Original Color

78.9969, 81.1937, 62.5473

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9184, 81.5285, 78.6477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9969, 81.1937, 62.5473 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, 229, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 194)  
}
```

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, 229, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 194) }
```

Border

The CSS property to change the border of an element to XYZ 78.9969, 81.1937, 62.5473 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, 229, 194) }
```


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

```
.border{ border-color:rgb(255, 229, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9969, 81.1937, 62.5473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 194) }
```

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

```
.background{ background-color: rgb(255,  
229, 194) }
```

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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