

Converting Colors

XYZ(106.7878, 94.9783,
64.6948)

Have a look what the booklet for
XYZ(106.7878, 94.9783, 64.6948)
contains.

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Color

**XYZ(78.9472, 80.7323,
63.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C4
RGB	255, 228, 196
RGB Percent	100%, 89%, 77%
CMY	0.0000, 0.1059, 0.2314
CMYK	0.00, 0.11, 0.23, 0.00
HSL	33°, 100%, 88%
HSV	33°, 23%, 100%
XYZ	78.9472, 80.7323, 63.6465
YIQ	232.4250, 26.3640, -4.2280

Conversions

Conversions Part 2

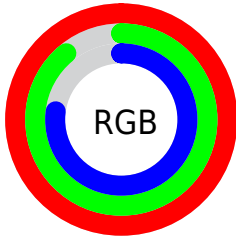
Format	Color
R_{YB}	246, 255, 196
Decimal	16770244
CIE _{Lab}	92.01, 4.43, 19.00
CIE _{LCh}	92, 19.514, 76.865
Yxy	80.7323, 0.3535, 0.3615
Android (android.graphics.Color)	4294960324 (0xFFFFE4C4)
YUV	232.4250, -17.9575, 19.7983
Hunter-Lab	89.8512, -0.4015, 20.8975

Details

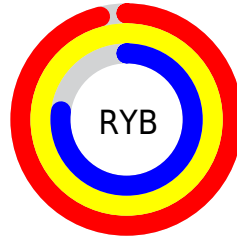
The XYZ color **78.9472, 80.7323, 63.6465** is a light color, and the websafe version is hex **FFFCC**, and the color name is **bisque**. A complement of this color would be **67.2019, 71.7290, 104.9109**, and the grayscale version is **77.1384, 81.1556, 88.3785**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **43.1148, 43.8459, 31.7819** is the 20% darker color. If you saturate the color by 10%, you get **73.1861, 73.4670, 48.6028**, and if you desaturate by 10%, it is **85.4222, 88.6353, 81.3638**.

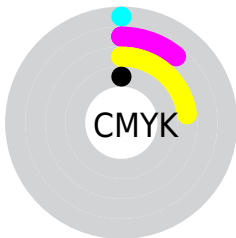
Distribution



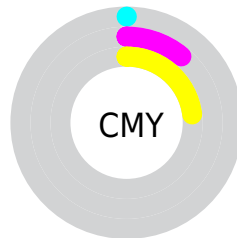
- Red (100%)
- Green (89%)
- Blue (77%)



- Red (96%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9472, 80.7323, 63.6465 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 78.9472, 80.7323, 63.6465 by changing the saturation by 10% instead.


 78.9472, 80.7323,
63.6465

 78.9472, 80.7323,
63.6465


480.1684,
497.3973, 456.0843

 59.1579, 60.3211,
45.9201


130.8428,
134.3948, 111.6962

 42.9871, 43.6775,
31.8345


163.6799,
168.4150, 142.8566

 30.0695, 30.4171,
20.9714


201.5969,
207.7403, 179.3321

 20.0396, 20.1554,
12.9120

244.9591,
252.7551, 221.5412

 12.5323, 12.5080,
7.2380

294.1321,
303.8438, 269.9024

 7.1821, 7.0907,
3.5307

349.4811,

 3.6236, 3.5189,

361.3908, 324.8343

1.3716

411.3714,
425.7805, 386.7554

■ 1.4915, 1.4082,
0.1194

■ 0.3200, 0.2228,
0.0000

■ 78.9472, 80.7323,
63.6465

■ 78.9472, 80.7323,
63.6465

■ 73.1861, 73.4670,
48.6028

■ 85.4222, 88.6353,
81.3638

■ 68.1039, 66.8102,
36.0950

■ 92.6325, 97.1829,
101.8731

■ 63.6710, 60.7460,
25.9805

95.0500, 100.0000,
108.9000

■ 59.8531, 55.2534,
18.1005

■ 56.6118, 50.3096,
12.2764

■ 53.9035, 45.8893,
8.3022

■ 51.6759, 41.9636,
5.9273

■ 50.3757, 39.5313,
4.9752

Harmonies

Analogous

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



83.5214, 80.7323, 69.2415



78.9472, 80.7323, 63.6465



73.9683, 80.7323, 64.0226

Triad

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



78.9472, 80.7323, 63.6465



67.8655, 80.7323, 96.1666



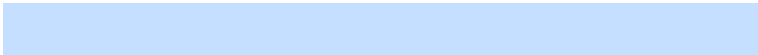
83.9922, 80.7323, 108.1827

Complementary

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



78.9472, 80.7323, 63.6465



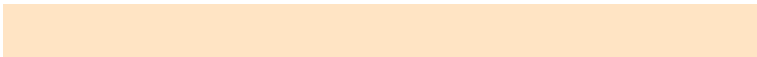
67.2019, 71.7290, 104.9109

Split Complementary

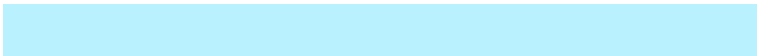
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5670, 80.7323, 117.0885



78.9472, 80.7323, 63.6465



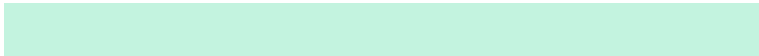
70.3239, 80.7323, 109.6498

Square

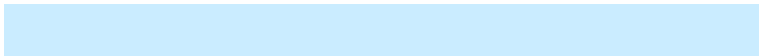
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9472, 80.7323, 63.6465



67.7158, 80.7323, 81.7726



74.5618, 80.7323, 117.6529



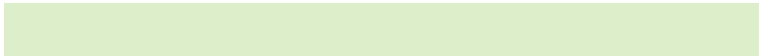
86.5185, 80.7323, 94.3340

Rectangle

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



78.9472, 80.7323, 63.6465



71.0895, 80.7323, 67.5976



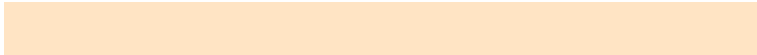
74.5618, 80.7323, 117.6529



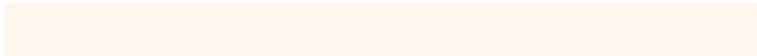
82.6689, 80.7323, 111.9165

Sweetspot

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



78.9491, 80.7359, 63.6482



89.7577, 93.8026, 93.6107



74.3718, 66.0973, 79.0286



19.1179, 19.9665, 19.7685



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.



78.9491, 80.7359, 63.6482



76.0594, 77.1230, 56.0053



86.2442, 96.3945, 66.2861



18.8258, 19.6199, 18.9391



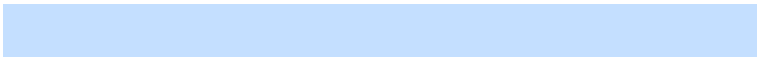
26.4736, 20.9584, 2.6501



2.6869, 2.2592, 0.2945

Inverse Universe

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



67.2019, 71.7290, 104.9109



62.3461, 66.6102, 104.1788



61.0707, 58.7022, 102.7196



17.6877, 18.7470, 22.9362



12.8806, 10.6708, 50.8154



1.3618, 1.2543, 4.9836

Previews

White Background



This preview shows how the XYZ color 78.9472, 80.7323, 63.6465 looks on a white background.

Color Contrast Check

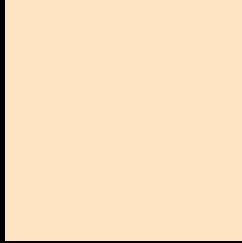
Large Text (above 18pt) WCAG AA × Fail

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 78.9472, 80.7323, 63.6465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

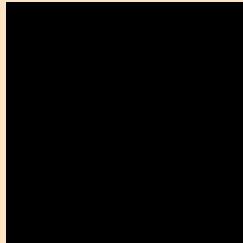
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9472, 80.7323, 63.6465

Background



This preview shows how black text looks on a background with the XYZ color 78.9472, 80.7323, 63.6465.

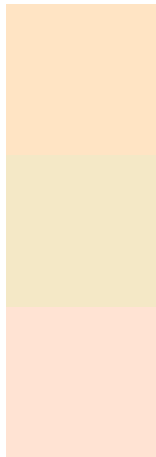


This preview shows how white text looks on a background with the XYZ color 78.9472, 80.7323,

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

78.9472, 80.7323, 63.6465

Protanopia

76.3579, 81.0235, 65.0407

Deuteranopia

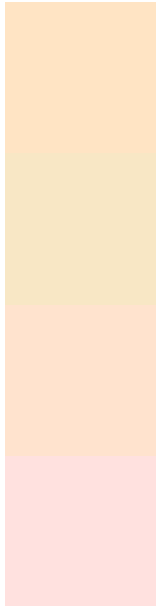
80.4670, 80.9013, 73.0025



Tritanopia

83.3283, 80.7444, 92.0823

Trichromacy



Original Color

78.9472, 80.7323, 63.6465

Protanomaly

77.3654, 81.1395, 64.4072

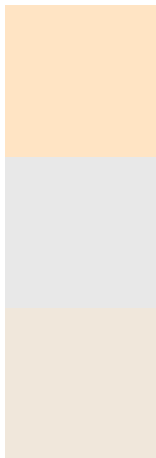
Deuteranomaly

79.8497, 80.6544, 69.7518

Tritanomaly

81.4845, 80.4381, 81.0435

Monochromacy



Original Color

78.9472, 80.7323, 63.6465

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2973, 80.7916, 78.5382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9472, 80.7323, 63.6465 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, 228, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 196)  
}
```

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, 228, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 196) }
```

Border

The CSS property to change the border of an element to XYZ 78.9472, 80.7323, 63.6465 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, 228, 196) }
```


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

```
.border{ border-color:rgb(255, 228, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9472, 80.7323, 63.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 196) }
```

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

```
.background{ background-color: rgb(255,  
228, 196) }
```

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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