

Converting Colors

XYZ(99.4563, 89.6924, 69.9470)

Have a look what the booklet for
XYZ(99.4563, 89.6924, 69.9470)
contains.

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Color

**XYZ(78.9151, 78.9791,
68.8428)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0CD
RGB	255, 224, 205
RGB Percent	100%, 88%, 80%
CMY	0.0000, 0.1215, 0.1961
CMYK	0.00, 0.12, 0.20, 0.00
HSL	23°, 100%, 90%
HSV	23°, 20%, 100%
XYZ	78.9151, 78.9791, 68.8428
YIQ	231.1030, 24.5750, 0.6630

Conversions

Conversions Part 2

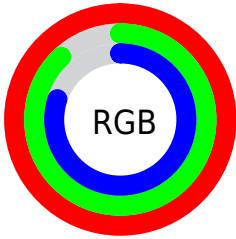
Format	Color
R _Y B	255, 236, 205
Decimal	16769229
CIE Lab	91.22, 7.77, 13.21
CIE LCh	91, 15.326, 59.556
Yxy	78.9791, 0.3480, 0.3483
Android (android.graphics.Color)	4294959309 (0xFFFFE0CD)
YUV	231.1030, -12.8688, 20.9577
Hunter-Lab	88.8702, 2.9819, 16.2805

Details

The XYZ color **78.9151, 78.9791, 68.8428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2214, 80.1876, 106.2263**, and the grayscale version is **76.1139, 80.0778, 87.2047**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0626, 42.6161, 35.2342** is the 20% darker color. If you saturate the color by 10%, you get **72.0319, 69.7438, 52.5797**, and if you desaturate by 10%, it is **86.6987, 89.2119, 87.8829**.

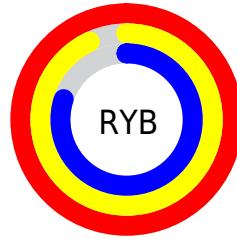
Distribution



Red (100%)

Green (88%)

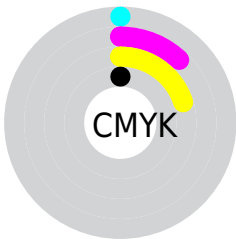
Blue (80%)



Red (100%)

Yellow (93%)

Blue (80%)

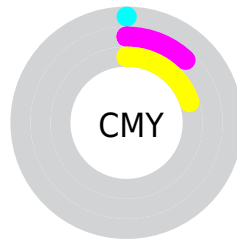


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9151, 78.9791, 68.8428 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 78.9151, 78.9791, 68.8428 by changing the saturation by 10% instead.


 78.9151, 78.9791,
68.8428

 78.9151, 78.9791,
68.8428


480.0615,
491.4856, 475.1553

 59.1314, 58.8786,
50.1127


130.7979,
131.9294, 119.2226

 42.9657, 42.5154,
35.1312


163.6277,
165.5481, 151.7094

 30.0526, 29.5051,
23.4796


201.5369,
204.4416, 189.6189

 20.0268, 19.4632,
14.7394

244.8909,
248.9943, 233.3696

 12.5229, 12.0055,
8.4921

294.0549,
299.5907, 283.3800

 7.1756, 6.7474,
4.3192

349.3945,

 3.6194, 3.3046,

356.6151, 340.0688

1.8020

411.2749,
420.4520, 403.8543

■ 1.4892, 1.2928,
0.4293

■ 0.3185, 0.1356,
0.0000

■ 78.9151, 78.9791,
68.8428

■ 78.9151, 78.9791,
68.8428

■ 72.0319, 69.7438,
52.5797

■ 86.6987, 89.2119,
87.8829

■ 66.0086, 61.4646,
38.9574

95.0500, 100.0000,
108.9000

■ 60.8095, 54.1121,
27.8353

■ 56.3942, 47.6511,
19.0577

■ 52.7181, 42.0444,
12.4512

■ 49.7315, 37.2512,
7.8181

■ 47.3769, 33.2265,
4.9232

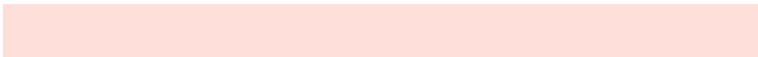
■ 45.5710, 29.9131,
3.4007

■ 45.5079, 29.7958,
3.3526

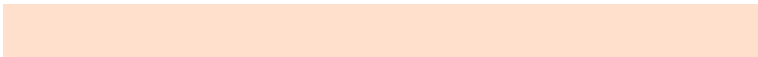
Harmonies

Analogous

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



81.7525, 78.9791, 75.8706



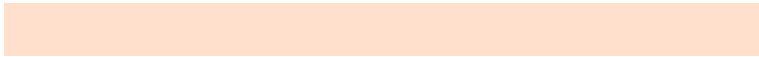
78.9151, 78.9791, 68.8428



75.1251, 78.9791, 66.3322

Triad

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



78.9151, 78.9791, 68.8428



67.8446, 78.9791, 85.8292



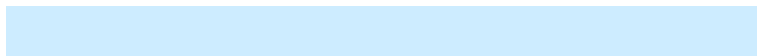
78.8115, 78.9791, 105.9728

Complementary

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



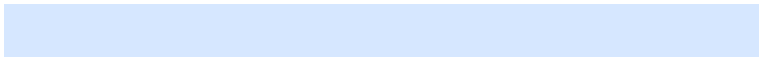
78.9151, 78.9791, 68.8428



73.2214, 80.1876, 106.2263

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.



75.0094, 78.9791, 109.2033



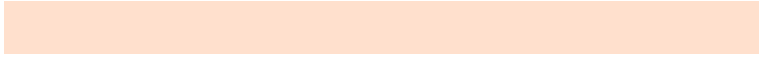
78.9151, 78.9791, 68.8428



68.7568, 78.9791, 96.9819

Square

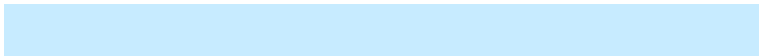
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9151, 78.9791, 68.8428



68.8114, 78.9791, 75.6068



71.3466, 78.9791, 105.7825



81.6912, 78.9791, 97.2932

Rectangle

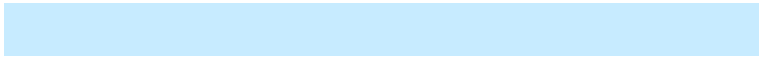
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9151, 78.9791, 68.8428



72.5952, 78.9791, 67.3747



71.3466, 78.9791, 105.7825



77.5948, 78.9791, 107.7637

Sweetspot

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



78.9170, 78.9825, 68.8444



89.7322, 93.1507, 95.4551



78.3092, 71.0184, 89.4467



19.0869, 19.7833, 20.1318



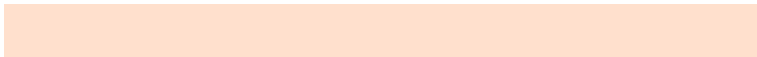
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



78.9170, 78.9825, 68.8444



75.7841, 74.8039, 61.3656



85.9297, 93.0080, 71.1820



18.5752, 19.1186, 18.8556



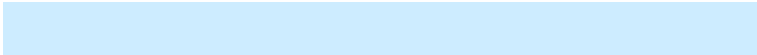
23.9113, 15.8339, 1.7960



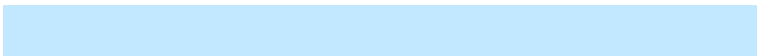
2.4296, 1.7445, 0.2087

Inverse Universe

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



73.2214, 80.1876, 106.2263



69.0296, 76.2285, 105.6831



66.6879, 67.1206, 104.0485



17.9409, 19.2534, 23.0206



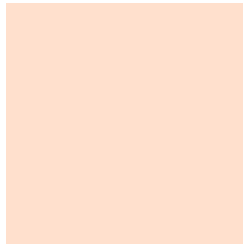
15.9755, 16.8606, 51.8470



1.6610, 1.8526, 5.0833

Previews

White Background



This preview shows how the XYZ color 78.9151, 78.9791, 68.8428 looks on a white background.

Color Contrast Check

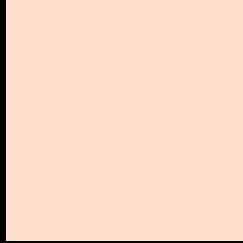
Large Text (above 18pt) WCAG AA × Fail

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 78.9151, 78.9791, 68.8428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

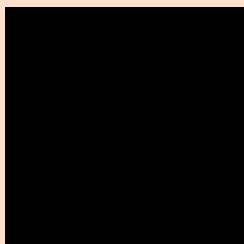
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

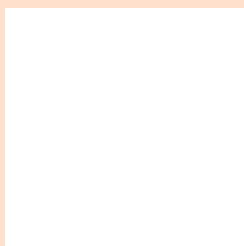
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9151, 78.9791, 68.8428

Background



This preview shows how black text looks on a background with the XYZ color 78.9151, 78.9791, 68.8428.



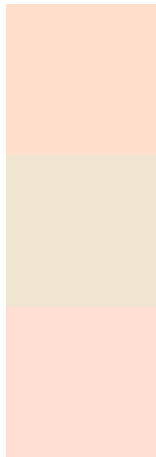
This preview shows how white text looks on a background with the XYZ color 78.9151, 78.9791,

68.8428.

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

78.9151, 78.9791, 68.8428

Protanopia

75.0011, 78.9434, 70.9591

Deuteranopia

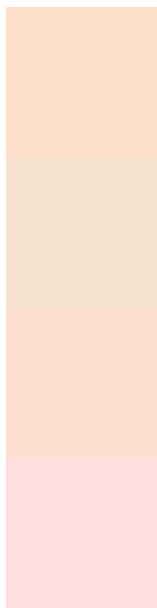
79.3855, 78.7385, 72.6420



Tritanopia

82.2368, 79.0290, 90.2767

Trichromacy



Original Color

78.9151, 78.9791, 68.8428

Protanomaly

76.3878, 78.8556, 70.2261

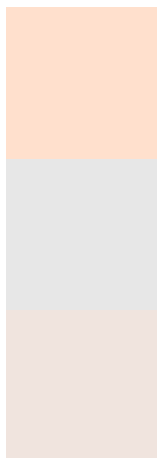
Deuteranomaly

79.1363, 78.6388, 71.3295

Tritanomaly

80.9519, 78.9388, 82.2042

Monochromacy



Original Color

78.9151, 78.9791, 68.8428

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8634, 79.2860, 80.3598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9151, 78.9791, 68.8428 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, 224, 205) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 205)  
}
```

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, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 205) }
```

Border

The CSS property to change the border of an element to XYZ 78.9151, 78.9791, 68.8428 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, 224, 205) }
```


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

```
.border{ border-color:rgb(255, 224, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9151, 78.9791, 68.8428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 205) }
```

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

```
.background{ background-color: rgb(255,  
224, 205) }
```

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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