

Converting Colors

XYZ(116.7511, 97.0231,
71.3246)

Have a look what the booklet for
XYZ(116.7511, 97.0231, 71.3246)
contains.

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Color

**XYZ(78.0957, 76.9514,
69.7685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCCF
RGB	255, 220, 207
RGB Percent	100%, 86%, 81%
CMY	0.0000, 0.1372, 0.1882
CMYK	0.00, 0.14, 0.19, 0.00
HSL	16°, 100%, 91%
HSV	16°, 19%, 100%
XYZ	78.0957, 76.9514, 69.7685
YIQ	228.9830, 25.0330, 3.3770

Conversions

Conversions Part 2

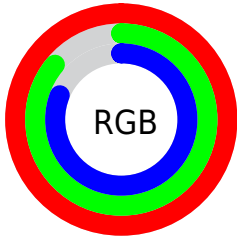
Format	Color
R _Y B	255, 225, 207
Decimal	16768207
CIE Lab	90.30, 10.12, 10.85
CIE LCh	90, 14.840, 46.988
Yxy	76.9514, 0.3474, 0.3423
Android (android.graphics.Color)	4294958287 (0xFFFFDCCF)
YUV	228.9830, -10.8376, 22.8169
Hunter-Lab	87.7219, 5.3987, 14.2498

Details

The XYZ color **78.0957, 76.9514, 69.7685** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5334, 83.9872, 106.8379**, and the grayscale version is **74.5296, 78.4109, 85.3895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4936, 41.2159, 35.8528** is the 20% darker color. If you saturate the color by 10%, you get **70.6156, 66.5839, 53.1166**, and if you desaturate by 10%, it is **86.6256, 88.6122, 89.2563**.

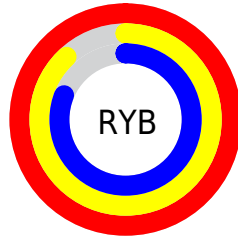
Distribution



Red (100%)

Green (86%)

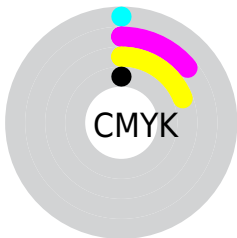
Blue (81%)



Red (100%)

Yellow (88%)

Blue (81%)

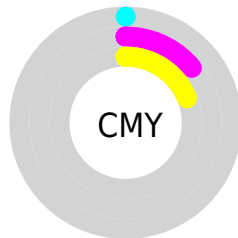


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0957, 76.9514, 69.7685 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 78.0957, 76.9514, 69.7685 by changing the saturation by 10% instead.


 78.0957, 76.9514,
69.7685

 78.0957, 76.9514,
69.7685

477.3266,
484.5983, 478.5039

 58.4557, 57.2130,
50.8622


129.6497,
129.0709, 120.5566

 42.4198, 41.1763,
35.7230


162.2943,
162.2207, 153.2754

 29.6227, 28.4568,
23.9323


200.0045,
200.6098, 191.4355

 19.6990, 18.6703,
15.0717

243.1457,
244.6226, 235.4554

 12.2834, 11.4323,
8.7225

292.0831,
294.6435, 285.7537

 7.0106, 6.3584,
4.4663

347.1821,

 3.5151, 3.0642,

351.0568, 342.7488

1.8845

408.8082,
414.2469, 406.8594

■ 1.4317, 1.1653,
0.4828

■ 0.2786, 0.0331,
0.0000

■ 78.0957, 76.9514,
69.7685

■ 78.0957, 76.9514,
69.7685

■ 70.6156, 66.5839,
53.1166

■ 86.6256, 88.6122,
89.2563

■ 64.1381, 57.4548,
39.1627

95.0500, 100.0000,
108.9000

■ 58.6202, 49.5196,
27.7647

■ 54.0136, 42.7275,
18.7654

■ 50.2655, 37.0237,
11.9902

■ 47.3171, 32.3487,
7.2403

■ 45.1007, 28.6364,
4.2807

■ 43.5274, 25.8084,
2.7736

■ 43.3736, 25.5272,
2.6412

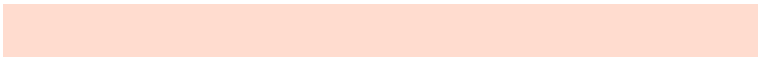
Harmonies

Analogous

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



80.1492, 76.9514, 77.9801



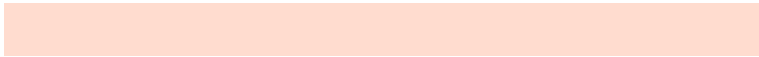
78.0957, 76.9514, 69.7685



74.7518, 76.9514, 65.4800

Triad

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



78.0957, 76.9514, 69.7685



66.4320, 76.9514, 79.2875



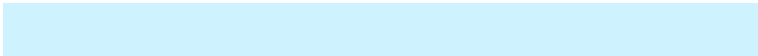
75.2361, 76.9514, 104.7980

Complementary

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



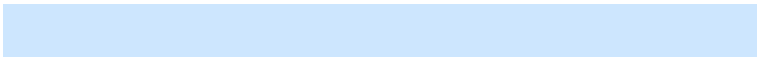
78.0957, 76.9514, 69.7685



75.5334, 83.9872, 106.8379

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.



71.5515, 76.9514, 105.2228



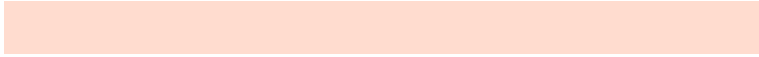
78.0957, 76.9514, 69.7685



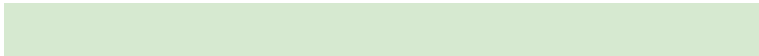
66.5518, 76.9514, 89.8753

Square

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



78.0957, 76.9514, 69.7685



68.0656, 76.9514, 70.6560



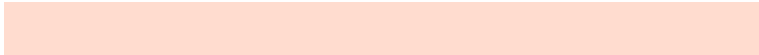
68.3985, 76.9514, 99.5677



78.4605, 76.9514, 98.4517

Rectangle

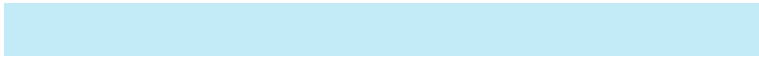
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0957, 76.9514, 69.7685



72.2788, 76.9514, 65.1654



68.3985, 76.9514, 99.5677



74.0080, 76.9514, 105.6558

Sweetspot

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



78.0975, 76.9547, 69.7701



89.2278, 92.1418, 95.2869



79.6104, 72.3093, 93.9235



18.9679, 19.5453, 20.0921



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.



78.0975, 76.9547, 69.7701



74.8474, 72.4688, 62.4767



84.7933, 90.3464, 72.0020



18.4097, 18.7876, 18.8004



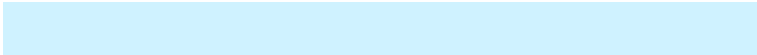
22.7686, 13.5485, 1.4151



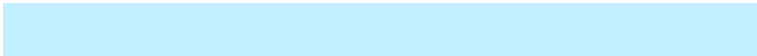
2.3028, 1.4910, 0.1664

Inverse Universe

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



75.5334, 83.9872, 106.8379



71.8047, 80.7999, 106.4192



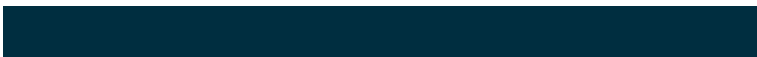
68.9062, 70.7329, 104.6288



18.1142, 19.6000, 23.0784



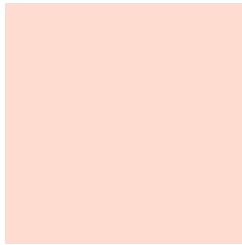
18.7270, 22.3635, 52.7642



1.9141, 2.3588, 5.1677

Previews

White Background



This preview shows how the XYZ color 78.0957, 76.9514, 69.7685 looks on a white background.

Color Contrast Check

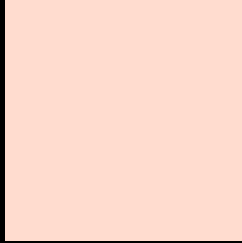
Large Text (above 18pt) WCAG AA × Fail

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 78.0957, 76.9514, 69.7685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

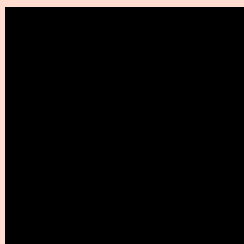
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

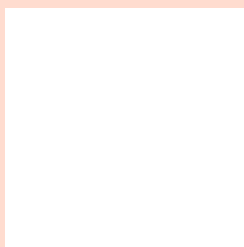
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.0957, 76.9514, 69.7685

Background



This preview shows how black text looks on a background with the XYZ color 78.0957, 76.9514, 69.7685.



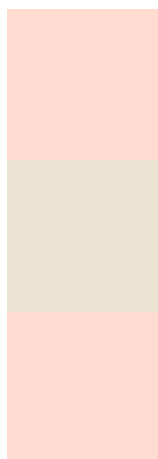
This preview shows how white text looks on a background with the XYZ color 78.0957, 76.9514,

69.7685.

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

78.0957, 76.9514, 69.7685

Protanopia

73.3629, 77.2535, 72.0175

Deuteranopia

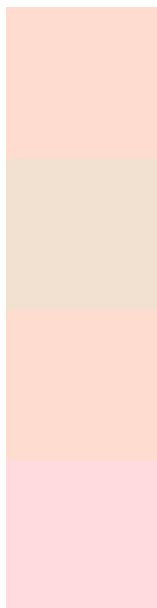
78.3418, 77.0498, 71.0646



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

78.0957, 76.9514, 69.7685

Protanomaly

74.7822, 76.7920, 71.2025

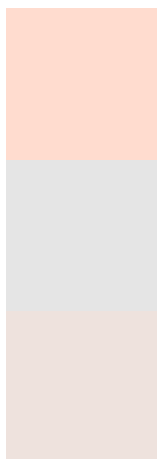
Deuteranomaly

78.2184, 77.0005, 70.4145

Tritanomaly

79.6307, 76.7305, 80.4255

Monochromacy



Original Color

78.0957, 76.9514, 69.7685

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5074, 77.7903, 79.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0957, 76.9514, 69.7685 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, 220, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 207)  
}
```

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, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 207) }
```

Border

The CSS property to change the border of an element to XYZ 78.0957, 76.9514, 69.7685 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, 220, 207) }
```


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

```
.border{ border-color:rgb(255, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0957, 76.9514, 69.7685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 207) }
```

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

```
.background{ background-color: rgb(255,  
220, 207) }
```

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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