

Converting Colors

XYZ(109.6923, 94.0943,
73.0985)

Have a look what the booklet for
XYZ(109.6923, 94.0943, 73.0985)
contains.

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Color

**XYZ(78.9941, 78.1557,
71.8949)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDED2
RGB	255, 222, 210
RGB Percent	100%, 87%, 82%
CMY	0.0000, 0.1294, 0.1765
CMYK	0.00, 0.13, 0.18, 0.00
HSL	16°, 100%, 91%
HSV	16°, 18%, 100%
XYZ	78.9941, 78.1557, 71.8949
YIQ	230.4990, 23.5200, 3.2640

Conversions

Conversions Part 2

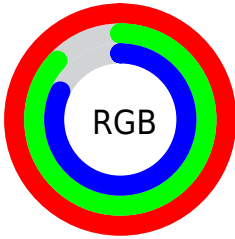
Format	Color
R_{YB}	255, 226, 210
Decimal	16768722
CIE Lab	90.85, 9.53, 10.07
CIE LCh	91, 13.866, 46.560
Yxy	78.1557, 0.3449, 0.3412
Android (android.graphics.Color)	4294958802 (0xFFFFDED2)
YUV	230.4990, -10.1060, 21.4874
Hunter-Lab	88.4057, 4.7870, 13.6671

Details

The XYZ color **78.9941, 78.1557, 71.8949** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6780, 85.0203, 106.9769**, and the grayscale version is **75.6455, 79.5850, 86.6680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1082, 42.0435, 37.2957** is the 20% darker color. If you saturate the color by 10%, you get **71.3734, 67.5998, 54.9099**, and if you desaturate by 10%, it is **87.6756, 90.0223, 91.7329**.

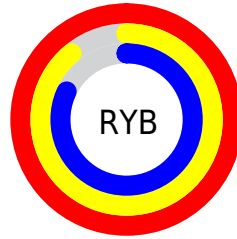
Distribution



Red (100%)

Green (87%)

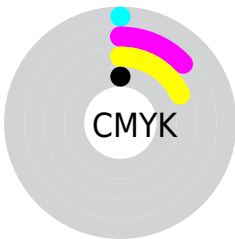
Blue (82%)



Red (100%)

Yellow (89%)

Blue (82%)

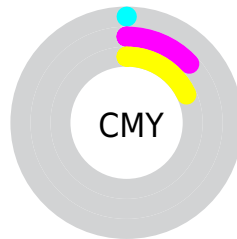


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9941, 78.1557, 71.8949 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 78.9941, 78.1557, 71.8949 by changing the saturation by 10% instead.


 78.9941, 78.1557,
71.8949

 78.9941, 78.1557,
71.8949


480.3247,
488.6954, 486.1434

 59.1966, 58.2019,
52.5865


130.9085,
130.7696, 123.6134

 43.0184, 41.9710,
37.0873


163.7561,
164.1985, 156.8606

 30.0941, 29.0786,
24.9788


201.6845,
202.8878, 195.5912

 20.0585, 19.1403,
15.8424

245.0589,
247.2220, 240.2237

 12.5461, 11.7717,
9.2595

294.2448,
297.5855, 291.1766

 7.1915, 6.5884,
4.8117

349.6075,

 3.6296, 3.2061,

354.3626, 348.8685

2.0804

411.5123,
417.9378, 413.7179

■ 1.4948, 1.2402,
0.6041

■ 0.3223, 0.0942,
0.0000

■ 78.9941, 78.1557,
71.8949

■ 78.9941, 78.1557,
71.8949

■ 71.3734, 67.5998,
54.9099

■ 87.6756, 90.0223,
91.7329

■ 64.7660, 58.2990,
40.6409

95.0500, 100.0000,
108.9000

■ 59.1291, 50.2088,
28.9473

■ 54.4145, 43.2779,
19.6733

■ 50.5694, 37.4513,
12.6466

■ 47.5354, 32.6692,
7.6715

■ 45.2459, 28.8654,
4.5181

■ 43.6181, 25.9636,
2.8849

■ 43.3088, 25.3977,
2.6196

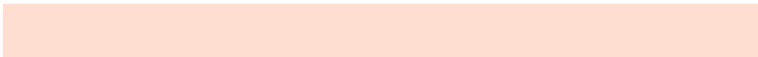
Harmonies

Analogous

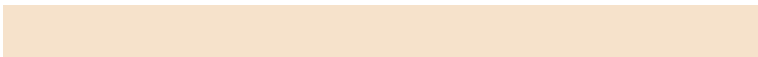
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9031, 78.1557, 79.7382



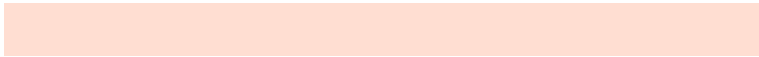
78.9941, 78.1557, 71.8949



75.8550, 78.1557, 67.7442

Triad

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



78.9941, 78.1557, 71.8949



67.9483, 78.1557, 80.7099



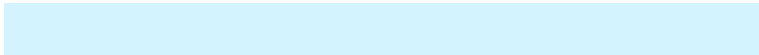
76.2134, 78.1557, 104.8770

Complementary

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



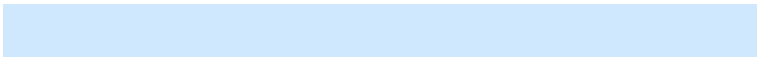
78.9941, 78.1557, 71.8949



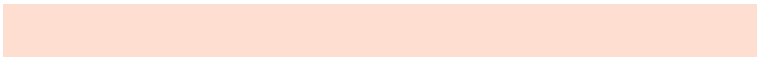
76.6780, 85.0203, 106.9769

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.



72.7361, 78.1557, 105.1886



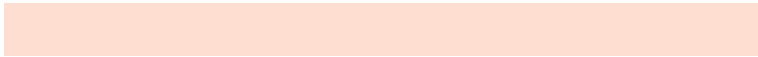
78.9941, 78.1557, 71.8949



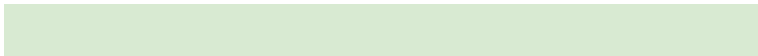
68.0374, 78.1557, 90.6933

Square

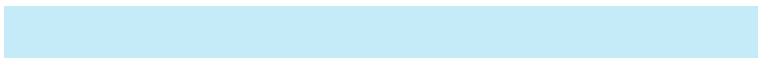
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9941, 78.1557, 71.8949



69.5187, 78.1557, 72.5581



69.7662, 78.1557, 99.8266



79.2635, 78.1557, 99.0060

Rectangle

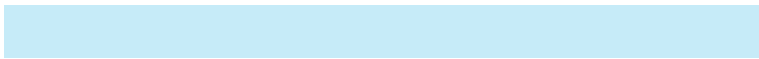
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9941, 78.1557, 71.8949



73.5208, 78.1557, 67.4008



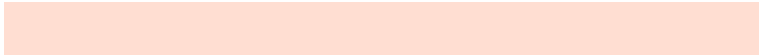
69.7662, 78.1557, 99.8266



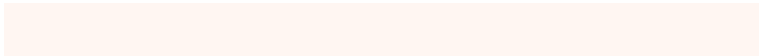
75.0538, 78.1557, 105.6504

Sweetspot

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



78.9960, 78.1591, 71.8965



90.1544, 93.3855, 97.4750



80.4647, 73.8251, 94.8031



19.1543, 19.7952, 20.5329



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.



78.9960, 78.1591, 71.8965



76.3239, 74.4748, 65.8887



85.3745, 90.9161, 74.0227



18.4035, 18.7751, 18.7983



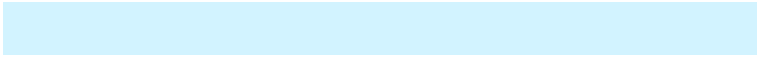
22.7335, 13.4783, 1.4034



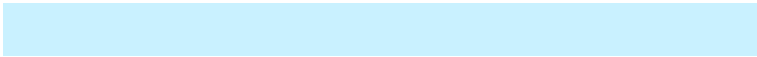
2.2987, 1.4827, 0.1650

Inverse Universe

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



76.6780, 85.0203, 106.9769



73.6293, 82.4414, 106.6398



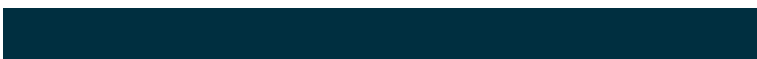
70.3538, 72.3718, 104.8689



18.1209, 19.6133, 23.0806



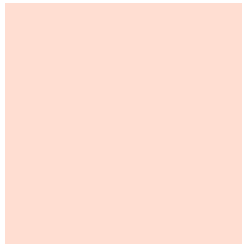
18.8430, 22.5957, 52.8028



1.9246, 2.3799, 5.1712

Previews

White Background



This preview shows how the XYZ color 78.9941, 78.1557, 71.8949 looks on a white background.

Color Contrast Check

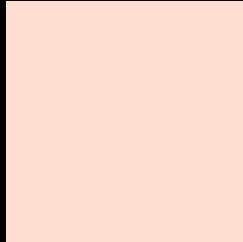
Large Text (above 18pt) WCAG AA × Fail

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 78.9941, 78.1557, 71.8949 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 78.9941, 78.1557, 71.8949

Background



This preview shows how black text looks on a background with the XYZ color 78.9941, 78.1557, 71.8949.

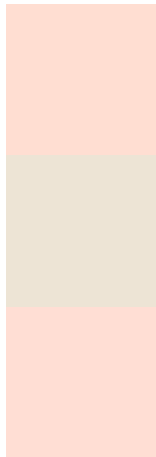


This preview shows how white text looks on a background with the XYZ color 78.9941, 78.1557,

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

78.9941, 78.1557, 71.8949

Protanopia

74.6787, 78.2954, 74.1273

Deuteranopia

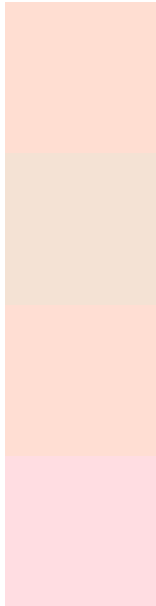
79.2449, 78.2560, 73.2156



Tritanopia

81.8286, 78.4446, 89.4257

Trichromacy



Original Color

78.9941, 78.1557, 71.8949

Protanomaly

76.3882, 78.3793, 73.3900

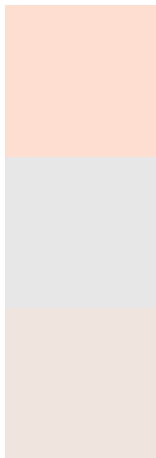
Deuteranomaly

79.1191, 78.2057, 72.5532

Tritanomaly

80.8239, 78.4639, 82.8367

Monochromacy



Original Color

78.9941, 78.1557, 71.8949

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.9979, 79.3398, 81.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9941, 78.1557, 71.8949 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, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 210)  
}
```

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, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 210) }
```

Border

The CSS property to change the border of an element to XYZ 78.9941, 78.1557, 71.8949 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, 222, 210) }
```


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

```
.border{ border-color:rgb(255, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9941, 78.1557, 71.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 210) }
```

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

```
.background{ background-color: rgb(255,  
222, 210) }
```

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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