

Converting Colors

XYZ(81.8832, 78.4511, 73.0851)

Have a look what the booklet for
XYZ(81.8832, 78.4511, 73.0851)
contains.

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Color

**XYZ(78.4552, 76.6765,
72.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBD4
RGB	255, 219, 212
RGB Percent	100%, 86%, 83%
CMY	0.0000, 0.1412, 0.1686
CMYK	0.00, 0.14, 0.17, 0.00
HSL	10°, 100%, 92%
HSV	10°, 17%, 100%
XYZ	78.4552, 76.6765, 72.9524
YIQ	228.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

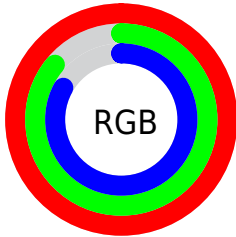
Format	Color
R _Y B	255, 220, 212
Decimal	16767956
CIE _{Lab}	90.17, 11.39, 8.05
CIE _{LCh}	90, 13.944, 35.254
Y _{xy}	76.6765, 0.3440, 0.3362
Android (android.graphics.Color)	4294958036 (0xFFFFDBD4)
Y _{UV}	228.9660, -8.3642, 22.8318
Hunter-Lab	87.5651, 6.6906, 11.8998

Details

The XYZ color **78.4552, 76.6765, 72.9524** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7679, 88.3493, 107.5094**, and the grayscale version is **74.5001, 78.3799, 85.3558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6500, 40.9910, 37.5624** is the 20% darker color. If you saturate the color by 10%, you get **70.2728, 65.0595, 55.5884**, and if you desaturate by 10%, it is **87.8633, 89.9315, 93.2332**.

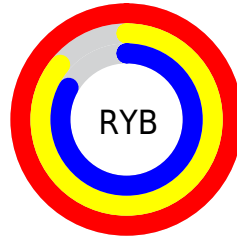
Distribution



Red (100%)

Green (86%)

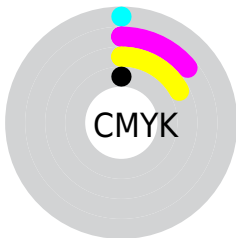
Blue (83%)



Red (100%)

Yellow (86%)

Blue (83%)

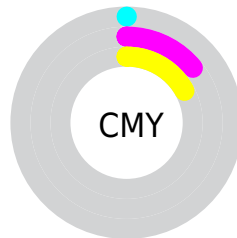


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4552, 76.6765, 72.9524 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 78.4552, 76.6765, 72.9524 by changing the saturation by 10% instead.


 78.4552, 76.6765,
72.9524

 78.4552, 76.6765,
72.9524


478.5276,
483.6603, 489.9162

 58.7521, 56.9874,
53.4455


130.1536,
128.6827, 125.1299

 42.6592, 40.9951,
37.7683


162.8796,
161.7686, 158.6376

 29.8111, 28.3153,
25.5025


200.6772,
200.0890, 197.6492

 19.8426, 18.5635,
16.2294

243.9118,
244.0281, 242.5834

 12.3883, 11.3553,
9.5305

292.9488,
293.9704, 293.8586

 7.0828, 6.3063,
4.9873

348.1535,

 3.5607, 3.0322,

350.3003, 351.8935

2.1812

409.8913,
413.4021, 417.1065

■ 1.4568, 1.1486,
0.6635

■ 0.2961, 0.0191,
0.0000

■ 78.4552, 76.6765,
72.9524

■ 78.4552, 76.6765,
72.9524

■ 70.2728, 65.0595,
55.5884

■ 87.8633, 89.9315,
93.2332

■ 63.2602, 55.0073,
41.0023

95.0500, 100.0000,
108.9000

■ 57.3646, 46.4555,
29.0507

■ 52.5275, 39.3317,
19.5756

■ 48.6846, 33.5573,
12.4021

■ 45.7646, 29.0460,
7.3323

■ 43.6858, 25.7011,
4.1343

■ 42.3506, 23.4110,
2.5164

■ 42.0517, 22.8835,
2.2006

Harmonies

Analogous

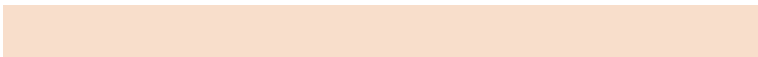
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7158, 76.6765, 81.7527



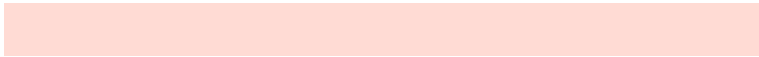
78.4552, 76.6765, 72.9524



75.7030, 76.6765, 67.3318

Triad

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



78.4552, 76.6765, 72.9524



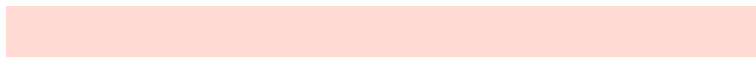
66.9945, 76.6765, 75.7533



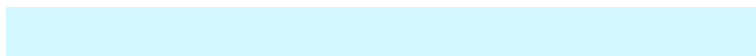
73.4905, 76.6765, 103.9639

Complementary

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



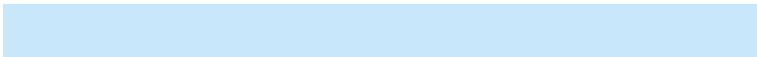
78.4552, 76.6765, 72.9524



78.7679, 88.3493, 107.5094

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.



70.1255, 76.6765, 102.0409



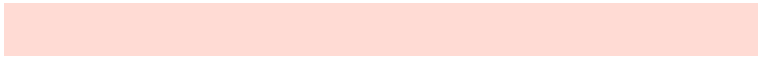
78.4552, 76.6765, 72.9524



66.4442, 76.6765, 85.2470

Square

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



78.4552, 76.6765, 72.9524



69.1007, 76.6765, 68.8569



67.5729, 76.6765, 94.9913



76.7919, 76.6765, 100.0567

Rectangle

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



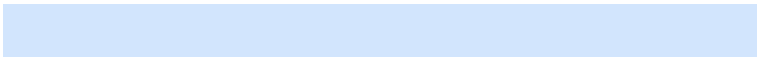
78.4552, 76.6765, 72.9524



73.4313, 76.6765, 65.8811



67.5729, 76.6765, 94.9913



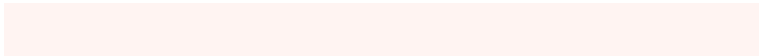
72.3289, 76.6765, 103.9810

Sweetspot

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



78.4570, 76.6798, 72.9540



89.7538, 92.5842, 97.3414



81.8127, 75.1593, 99.4504



19.0572, 19.6011, 20.5006



0.0000, 0.0000, 0.0000



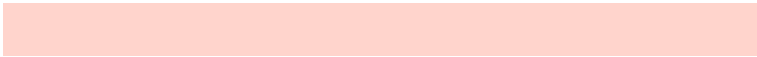
20.3446, 21.4041, 23.3091

Same Dimension

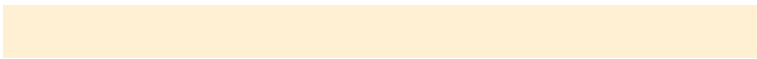
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4570, 76.6798, 72.9540



75.7596, 72.8607, 67.1973



84.2694, 88.3046, 74.8915



18.2483, 18.4649, 18.7466



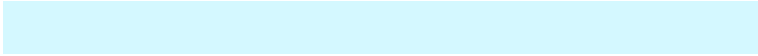
22.0428, 12.0969, 1.1731



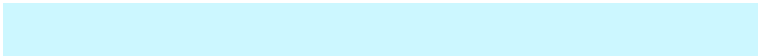
2.2109, 1.3071, 0.1358

Inverse Universe

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



78.7679, 88.3493, 107.5094



76.1185, 86.3907, 107.2709



72.6849, 76.1834, 105.4817



18.2881, 19.9479, 23.1364



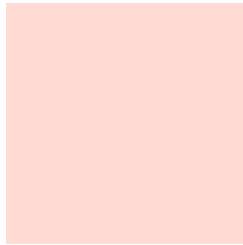
22.0188, 28.9472, 53.8614



2.2081, 2.9469, 5.2657

Previews

White Background



This preview shows how the XYZ color 78.4552, 76.6765, 72.9524 looks on a white background.

Color Contrast Check

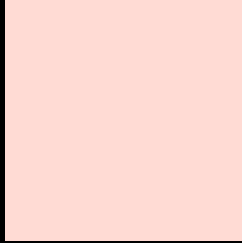
Large Text (above 18pt) WCAG AA × Fail

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 78.4552, 76.6765, 72.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

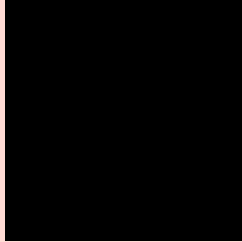
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

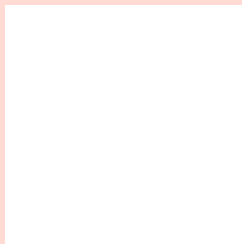
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.4552, 76.6765, 72.9524

Background



This preview shows how black text looks on a background with the XYZ color 78.4552, 76.6765, 72.9524.



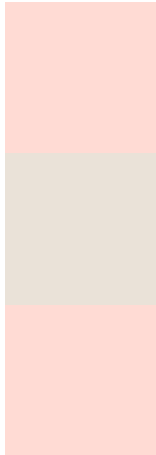
This preview shows how white text looks on a background with the XYZ color 78.4552, 76.6765,

72.9524.

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

78.4552, 76.6765, 72.9524

Protanopia

73.5227, 76.8430, 75.9229

Deuteranopia

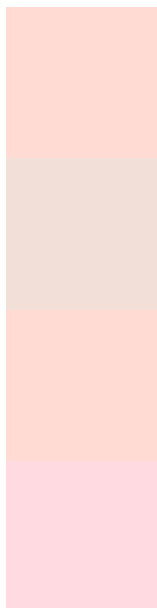
78.4552, 76.6765, 72.9524



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

78.4552, 76.6765, 72.9524

Protanomaly

75.2714, 76.5589, 75.1001

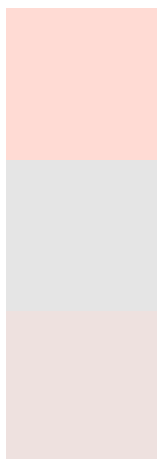
Deuteranomaly

78.4552, 76.6765, 72.9524

Tritanomaly

79.9020, 76.8391, 81.8543

Monochromacy



Original Color

78.4552, 76.6765, 72.9524

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5044, 77.3553, 80.7636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4552, 76.6765, 72.9524 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, 219, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 212)  
}
```

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, 219, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 212) }
```

Border

The CSS property to change the border of an element to XYZ 78.4552, 76.6765, 72.9524 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, 219, 212) }
```


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

```
.border{ border-color:rgb(255, 219, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4552, 76.6765, 72.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 212) }
```

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

```
.background{ background-color: rgb(255,  
219, 212) }
```

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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