

Converting Colors

XYZ(78.6339, 78.2454, 74.9216)

Have a look what the booklet for
XYZ(78.6339, 78.2454, 74.9216)
contains.

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Color

**XYZ(78.7983, 78.3771,
75.2652)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDFD7
RGB	252, 223, 215
RGB Percent	99%, 87%, 84%
CMY	0.0118, 0.1255, 0.1569
CMYK	0.00, 0.12, 0.15, 0.01
HSL	13°, 86%, 92%
HSV	13°, 15%, 99%
XYZ	78.7983, 78.3771, 75.2652
YIQ	230.7590, 19.8520, 3.6600

Conversions

Conversions Part 2

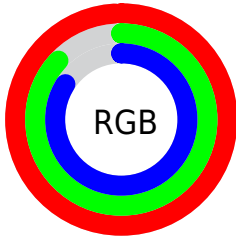
Format	Color
R _Y B	252, 225, 215
Decimal	16572375
CIE Lab	90.95, 8.71, 7.56
CIE LCh	91, 11.535, 40.961
Yxy	78.3771, 0.3390, 0.3372
Android (android.graphics.Color)	4294762455 (0xFFFCDFD7)
YUV	230.7590, -7.7692, 18.6284
Hunter-Lab	88.5308, 3.9478, 11.5657

Details

The XYZ color **78.7983, 78.3771, 75.2652** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9453, 86.1749, 104.6214**, and the grayscale version is **75.8239, 79.7726, 86.8724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8535, 42.1454, 39.1340** is the 20% darker color. If you saturate the color by 10%, you get **70.8346, 67.2384, 57.8465**, and if you desaturate by 10%, it is **87.8805, 90.9531, 95.5192**.

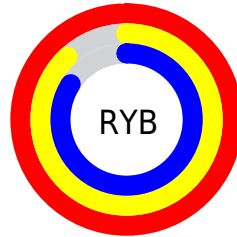
Distribution



Red (99%)

Green (87%)

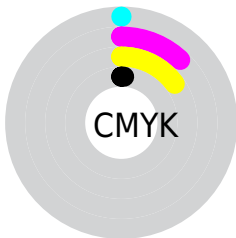
Blue (84%)



Red (99%)

Yellow (88%)

Blue (84%)

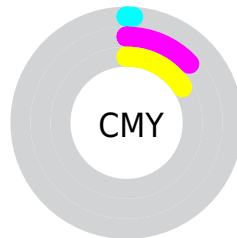


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7983, 78.3771, 75.2652 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 78.7983, 78.3771, 75.2652 by changing the saturation by 10% instead.


 78.7983, 78.3771,
75.2652

 78.7983, 78.3771,
75.2652


479.6722,
489.4466, 498.1083

 59.0350, 58.3838,
55.3271


130.6343,
131.0816, 128.4382

 42.8878, 42.1173,
39.2633


163.4377,
164.5616, 162.5103

 29.9912, 29.1931,
26.6552


201.3186,
203.3059, 202.1308

 19.9800, 19.2270,
17.0843

244.6423,
247.6989, 247.7182

 12.4887, 11.8344,
10.1320

293.7742,
298.1252, 299.6911

 7.1520, 6.6310,
5.3798

349.0795,

 3.6045, 3.2324,

354.9689, 358.4681

2.4092

410.9237,
418.6146, 424.4677

■ 1.4809, 1.2543,
0.7914

■ 0.3128, 0.1054,
0.0000

■ 78.7983, 78.3771,
75.2652

■ 78.7983, 78.3771,
75.2652

■ 70.8346, 67.2384,
57.8465

■ 87.8805, 90.9531,
95.5192

■ 63.9393, 57.4753,
43.1313

■ 93.9552, 99.4356,
108.8488

■ 58.0675, 49.0370,
30.9848

■ 53.1691, 41.8655,
21.2583

■ 49.1893, 35.8986,
13.7880

■ 46.0674, 31.0684,
8.3897

■ 43.7351, 27.3000,
4.8493

■ 42.1119, 24.5086,
2.9056

■ 41.4886, 23.3824,
2.3266

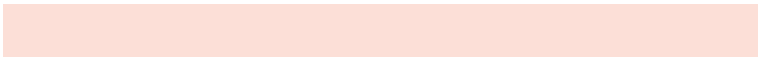
Harmonies

Analogous

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



80.1211, 78.3771, 82.3303



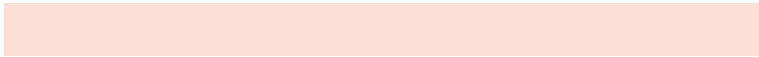
78.7983, 78.3771, 75.2652



76.3342, 78.3771, 71.0777

Triad

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



78.7983, 78.3771, 75.2652



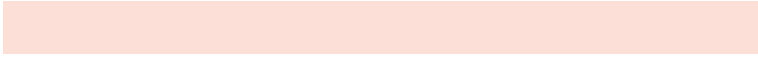
69.3329, 78.3771, 80.2208



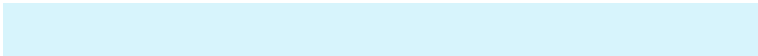
75.5634, 78.3771, 102.0480

Complementary

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



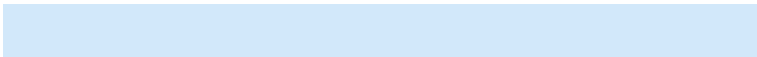
78.7983, 78.3771, 75.2652



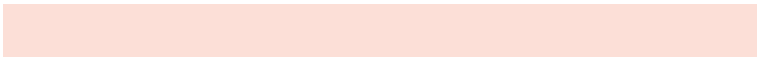
77.9453, 86.1749, 104.6214

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.



72.6857, 78.3771, 101.3915



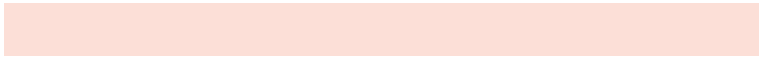
78.7983, 78.3771, 75.2652



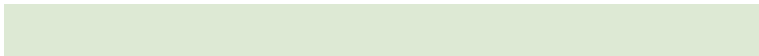
69.1388, 78.3771, 88.4209

Square

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



78.7983, 78.3771, 75.2652



70.8890, 78.3771, 73.8075



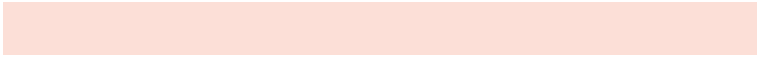
70.3515, 78.3771, 96.2745



78.2214, 78.3771, 98.0138

Rectangle

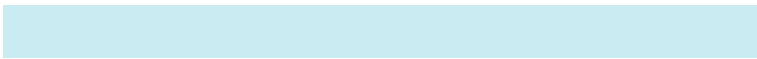
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7983, 78.3771, 75.2652



74.4013, 78.3771, 70.3069



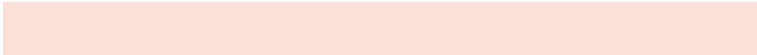
70.3515, 78.3771, 96.2745



74.5889, 78.3771, 102.3749

Sweetspot

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



78.8005, 78.3806, 75.2669



90.9537, 94.3660, 99.6469



80.8666, 75.8656, 96.4486



19.3075, 19.9773, 20.9678



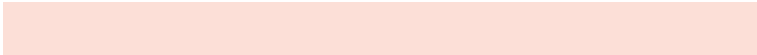
0.0000, 0.0000, 0.0000



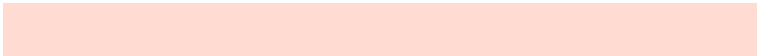
20.3446, 21.4041, 23.3091

Same Dimension

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



78.8005, 78.3806, 75.2669



78.1004, 76.5471, 71.0453



83.8372, 88.4540, 76.9458



17.5490, 17.8338, 17.9797



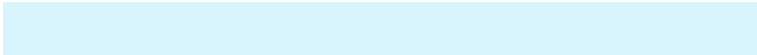
21.6988, 12.3542, 1.2409



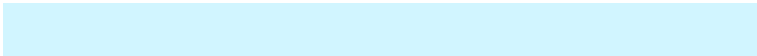
2.0838, 1.2925, 0.1396

Inverse Universe

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



77.9453, 86.1749, 104.6214



77.0464, 86.1371, 107.1731



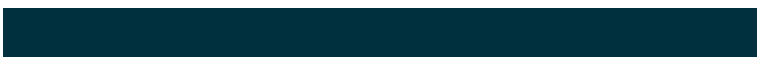
72.8196, 75.9236, 102.9129



17.4285, 18.9338, 22.1213



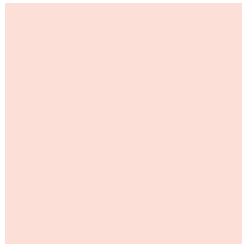
19.7233, 24.8022, 51.7213



1.9030, 2.4497, 4.8157

Previews

White Background



This preview shows how the XYZ color 78.7983, 78.3771, 75.2652 looks on a white background.

Color Contrast Check

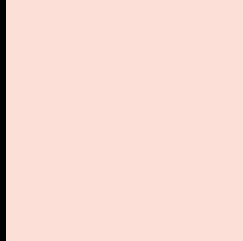
Large Text (above 18pt) WCAG AA × Fail

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 78.7983, 78.3771, 75.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

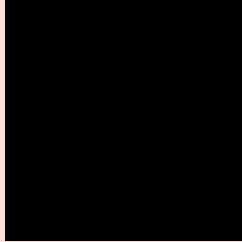
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7983, 78.3771, 75.2652

Background



This preview shows how black text looks on a background with the XYZ color 78.7983, 78.3771, 75.2652.



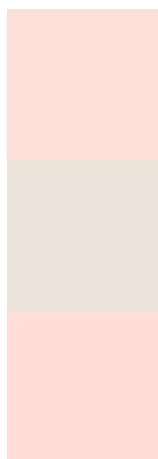
This preview shows how white text looks on a background with the XYZ color 78.7983, 78.3771,

75.2652.

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

78.7983, 78.3771, 75.2652

Protanopia

74.9904, 78.3816, 77.5064

Deuteranopia

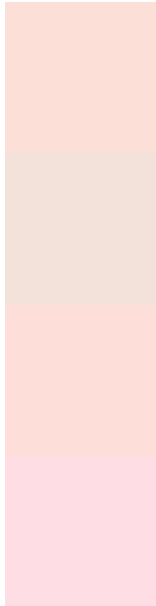
79.7559, 78.4604, 75.9065



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

78.7983, 78.3771, 75.2652

Protanomaly

76.3387, 78.2797, 76.7317

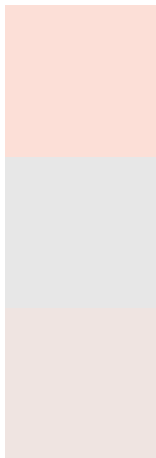
Deuteranomaly

79.3890, 78.2713, 75.8894

Tritanomaly

80.8724, 78.4409, 85.0069

Monochromacy



Original Color

78.7983, 78.3771, 75.2652

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.9306, 79.2738, 82.4809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7983, 78.3771, 75.2652 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(252, 223, 215) looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 215)  
}
```

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(252, 223, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.7983, 78.3771, 75.2652 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(252, 223, 215) }
```


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

```
.border{ border-color:rgb(252, 223, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7983, 78.3771, 75.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 215) }
```

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

```
.background{ background-color: rgb(252,  
223, 215) }
```

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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