

Converting Colors

XYZ(79.2920, 78.5242, 72.6948)

Have a look what the booklet for
XYZ(79.2920, 78.5242, 72.6948)
contains.

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Color

**XYZ(79.3855, 78.7385,
72.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD3
RGB	255, 223, 211
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1255, 0.1725
CMYK	0.00, 0.13, 0.17, 0.00
HSL	16°, 100%, 91%
HSV	16°, 17%, 100%
XYZ	79.3855, 78.7385, 72.6420
YIQ	231.2000, 22.9240, 3.0520

Conversions

Conversions Part 2

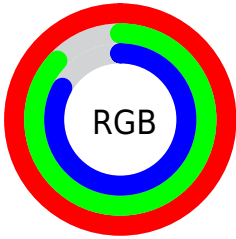
Format	Color
R_{YB}	255, 228, 211
Decimal	16768979
CIE Lab	91.12, 9.17, 9.92
CIE LCh	91, 13.510, 47.269
Yxy	78.7385, 0.3440, 0.3412
Android (android.graphics.Color)	4294959059 (0xFFFFDFD3)
YUV	231.2000, -9.9586, 20.8726
Hunter-Lab	88.7347, 4.4072, 13.5770

Details

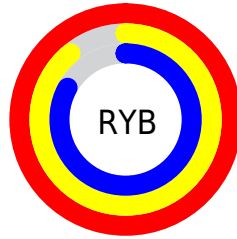
The XYZ color **79.3855, 78.7385, 72.6420** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9637, 85.1676, 106.9903**, and the grayscale version is **76.1661, 80.1326, 87.2644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2921, 42.4113, 37.3570** is the 20% darker color. If you saturate the color by 10%, you get **71.7533, 68.1905, 55.5574**, and if you desaturate by 10%, it is **88.0713, 90.5813, 92.5816**.

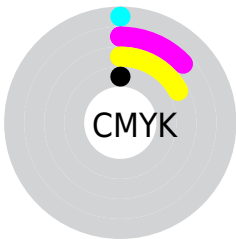
Distribution



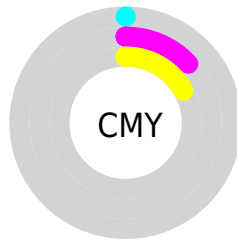
- Red (100%)
- Green (87%)
- Blue (83%)



- Red (100%)
- Yellow (89%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3855, 78.7385, 72.6420 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 79.3855, 78.7385, 72.6420 by changing the saturation by 10% instead.

 79.3855, 78.7385,
72.6420

 79.3855, 78.7385,
72.6420


481.6276,
490.6713, 488.8106

 59.5195, 58.6808,
53.1932


131.4565,
131.5907, 124.6850

 43.2795, 42.3562,
37.5683


164.3922,
165.1539, 158.1164

 30.2999, 29.3803,
25.3486


202.4153,
203.9879, 197.0457

 20.2156, 19.3687,
16.1156

245.8910,
248.4769, 241.8916

 12.6610, 11.9370,
9.4507

295.1848,
299.0053, 293.0724

 7.2709, 6.7008,
4.9355

350.6619,

 3.6799, 3.2757,

355.9576, 351.0068

2.1514

412.6877,
419.7181, 416.1134

■ 1.5227, 1.2773,
0.6461

■ 0.3412, 0.1235,
0.0000

■ 79.3855, 78.7385,
72.6420

■ 79.3855, 78.7385,
72.6420

■ 71.7533, 68.1905,
55.5574

■ 88.0713, 90.5813,
92.5816

■ 65.1276, 58.8827,
41.1914

95.0500, 100.0000,
108.9000

■ 59.4663, 50.7716,
29.4038

■ 54.7219, 43.8072,
20.0399

■ 50.8425, 37.9358,
12.9282

■ 47.7705, 33.0990,
7.8742

■ 45.4403, 29.2324,
4.6500

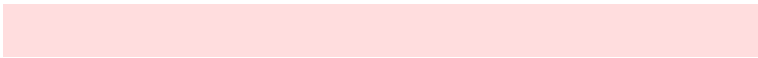
■ 43.7718, 26.2623,
2.9632

■ 43.4036, 25.5873,
2.6512

Harmonies

Analogous

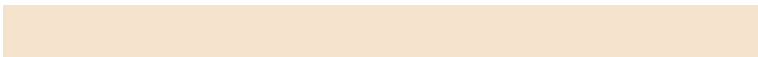
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2889, 78.7385, 80.2681



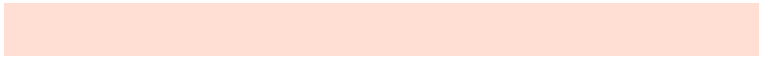
79.3855, 78.7385, 72.6420



76.2957, 78.7385, 68.6592

Triad

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



79.3855, 78.7385, 72.6420



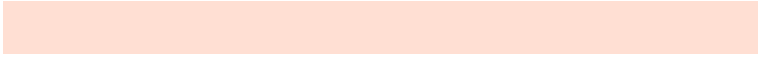
68.6117, 78.7385, 81.6530



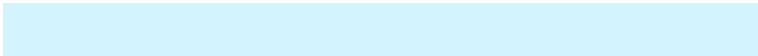
76.8057, 78.7385, 104.9836

Complementary

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



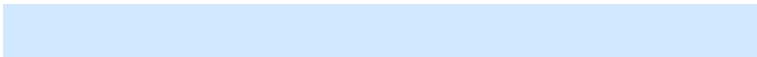
79.3855, 78.7385, 72.6420



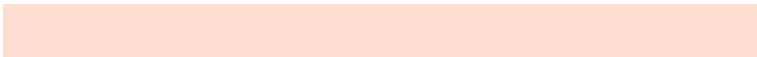
76.9637, 85.1676, 106.9903

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.



73.4001, 78.7385, 105.4255



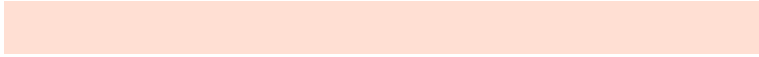
79.3855, 78.7385, 72.6420



68.7389, 78.7385, 91.4402

Square

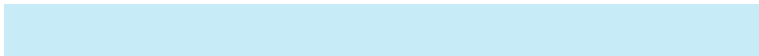
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3855, 78.7385, 72.6420



70.1160, 78.7385, 73.5892



70.4687, 78.7385, 100.3089



79.7686, 78.7385, 99.1439

Rectangle

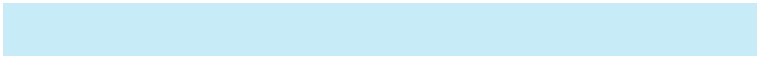
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3855, 78.7385, 72.6420



74.0105, 78.7385, 68.3910



70.4687, 78.7385, 100.3089



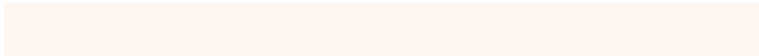
75.6729, 78.7385, 105.7833

Sweetspot

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



79.3874, 78.7419, 72.6436



90.1779, 93.4325, 97.4828



80.7527, 74.3366, 95.0979



19.1600, 19.8066, 20.5348



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.



79.3874, 78.7419, 72.6436



76.4071, 74.6411, 65.9164



85.5700, 91.1070, 74.7045



18.4126, 18.7934, 18.8014



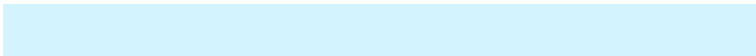
22.7849, 13.5810, 1.4205



2.3047, 1.4948, 0.1671

Inverse Universe

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



76.9637, 85.1676, 106.9903



73.5334, 82.2496, 106.6079



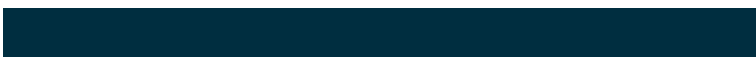
70.8417, 72.9236, 104.9497



18.1112, 19.5939, 23.0774



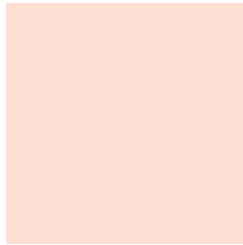
18.6741, 22.2578, 52.7465



1.9093, 2.3493, 5.1661

Previews

White Background



This preview shows how the XYZ color 79.3855, 78.7385, 72.6420 looks on a white background.

Color Contrast Check

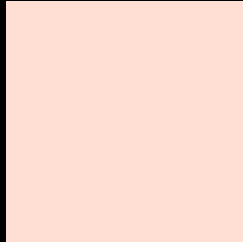
Large Text (above 18pt) WCAG AA × Fail

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 79.3855, 78.7385, 72.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

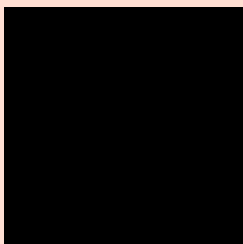
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3855, 78.7385, 72.6420

Background



This preview shows how black text looks on a background with the XYZ color 79.3855, 78.7385, 72.6420.



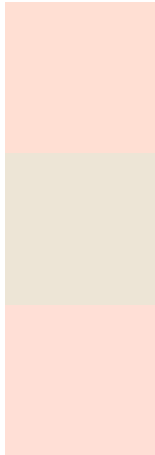
This preview shows how white text looks on a background with the XYZ color 79.3855, 78.7385,

72.6420.

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

79.3855, 78.7385, 72.6420

Protanopia

75.0820, 78.8982, 74.8900

Deuteranopia

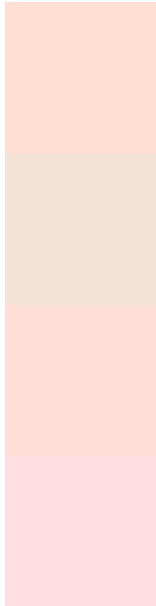
79.7653, 78.8904, 74.6416



Tritanopia

82.2368, 79.0290, 90.2767

Trichromacy



Original Color

79.3855, 78.7385, 72.6420

Protanomaly

76.7876, 78.9754, 74.1474

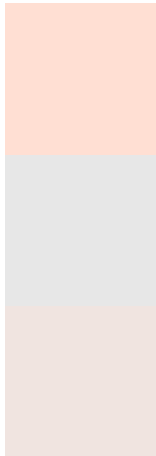
Deuteranomaly

79.6379, 78.8394, 73.9710

Tritanomaly

81.2264, 79.0486, 83.6499

Monochromacy



Original Color

79.3855, 78.7385, 72.6420

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.1331, 79.3939, 81.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3855, 78.7385, 72.6420 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, 223, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 211)  
}
```

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, 223, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 211) }
```

Border

The CSS property to change the border of an element to XYZ 79.3855, 78.7385, 72.6420 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, 223, 211) }
```


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

```
.border{ border-color:rgb(255, 223, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3855, 78.7385, 72.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 211) }
```

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

```
.background{ background-color: rgb(255,  
223, 211) }
```

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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