

Converting Colors

XYZ(78.0441, 79.0576, 72.3570)

Have a look what the booklet for
XYZ(78.0441, 79.0576, 72.3570)
contains.

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Color

**XYZ(78.2536, 79.3698,
72.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE2D2
RGB	250, 226, 210
RGB Percent	98%, 89%, 82%
CMY	0.0196, 0.1137, 0.1765
CMYK	0.00, 0.10, 0.16, 0.02
HSL	24°, 80%, 90%
HSV	24°, 16%, 98%
XYZ	78.2536, 79.3698, 72.1683
YIQ	231.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

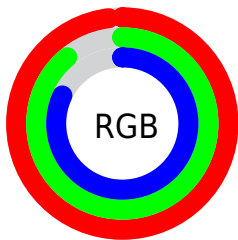
Format	Color
R _Y B	250, 237, 210
Decimal	16442066
CIE Lab	91.40, 5.69, 10.80
CIE LCh	91, 12.203, 62.218
Yxy	79.3698, 0.3405, 0.3454
Android (android.graphics.Color)	4294632146 (0xFFFAE2D2)
YUV	231.3520, -10.5265, 16.3543
Hunter-Lab	89.0897, 0.8817, 14.3342

Details

The XYZ color **78.2536, 79.3698, 72.1683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2563, 79.4480, 101.9173**, and the grayscale version is **76.2855, 80.2582, 87.4012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5560, 42.8636, 37.4830** is the 20% darker color. If you saturate the color by 10%, you get **71.4783, 70.4199, 55.7249**, and if you desaturate by 10%, it is **85.8766, 89.2349, 91.2966**.

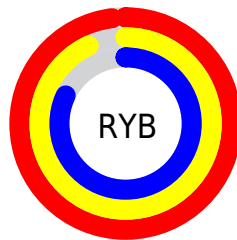
Distribution



Red (98%)

Green (89%)

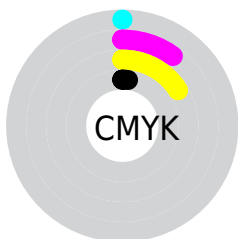
Blue (82%)



Red (98%)

Yellow (93%)

Blue (82%)

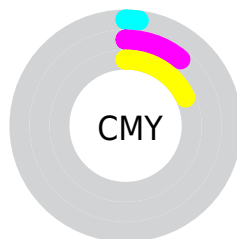


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2536, 79.3698, 72.1683 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 78.2536, 79.3698, 72.1683 by changing the saturation by 10% instead.


 78.2536, 79.3698,
72.1683

 78.2536, 79.3698,
72.1683


477.8543,
492.8065, 487.1205

 58.5858, 59.1999,
52.8085


129.8710,
132.4793, 124.0057

 42.5249, 42.7741,
37.2632


162.5514,
166.1878, 157.3204

 29.7054, 29.7079,
25.1140


200.3000,
205.1778, 196.1238

 19.7621, 19.6170,
15.9422

243.4823,
249.8339, 240.8345

 12.3295, 12.1169,
9.3294

292.4634,
300.5404, 291.8709

 7.0423, 6.8234,
4.8569

347.6089,

 3.5351, 3.3519,

357.6818, 349.6517

2.1063

409.2841,
421.6423, 414.5954

■ 1.4427, 1.3181,
0.6195

■ 0.2863, 0.1551,
0.0000

■ 78.2536, 79.3698,
72.1683

■ 78.2536, 79.3698,
72.1683

■ 71.4783, 70.4199,
55.7249

■ 85.8766, 89.2349,
91.2966

■ 65.5125, 62.3473,
41.8398

■ 93.2347, 99.0642,
108.8150

■ 60.3247, 55.1270,
30.3833

■ 55.8785, 48.7285,
21.2127

■ 52.1342, 43.1196,
14.1697

■ 49.0476, 38.2650,
9.0759

■ 46.5685, 34.1263,
5.7228

■ 44.6364, 30.6599,
3.8525

■ 43.9846, 29.4439,
3.3650

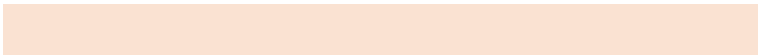
Harmonies

Analogous

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



80.5992, 79.3698, 77.6274



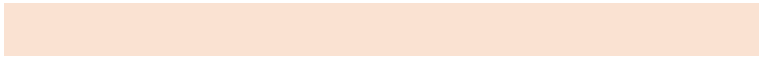
78.2536, 79.3698, 72.1683



75.2079, 79.3698, 70.4470

Triad

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



78.2536, 79.3698, 72.1683



69.6329, 79.3698, 87.0832



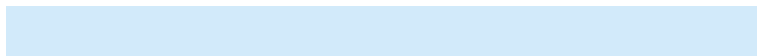
78.6642, 79.3698, 101.6959

Complementary

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



78.2536, 79.3698, 72.1683



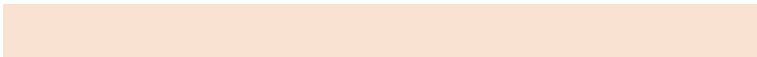
73.2563, 79.4480, 101.9173

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.



75.6698, 79.3698, 104.6420



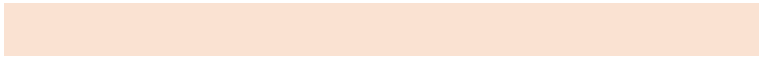
78.2536, 79.3698, 72.1683



70.5031, 79.3698, 95.8531

Square

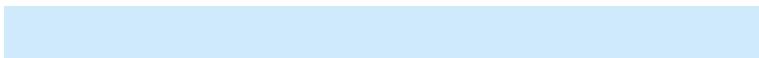
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2536, 79.3698, 72.1683



70.2826, 79.3698, 78.6987



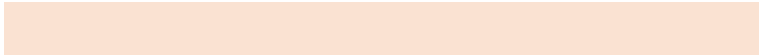
72.6920, 79.3698, 102.4348



80.8408, 79.3698, 94.6310

Rectangle

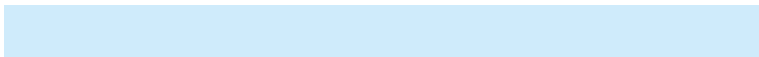
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2536, 79.3698, 72.1683



73.2051, 79.3698, 71.5486



72.6920, 79.3698, 102.4348



77.7171, 79.3698, 103.2218

Sweetspot

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



78.2558, 79.3733, 72.1700



90.6729, 94.4225, 97.6478



77.3232, 72.3588, 87.7342



19.2800, 20.0467, 20.5749



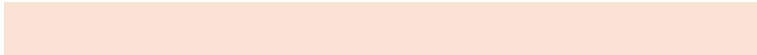
0.0000, 0.0000, 0.0000



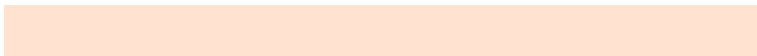
20.3446, 21.4041, 23.3091

Same Dimension

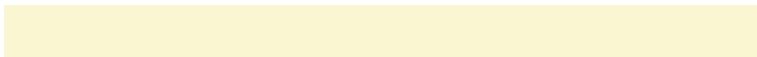
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2558, 79.3733, 72.1700



79.6263, 80.1006, 70.0076



84.0139, 90.8896, 74.0894



17.8145, 18.3650, 18.0683



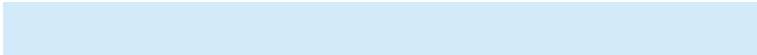
23.4621, 15.8809, 1.8287



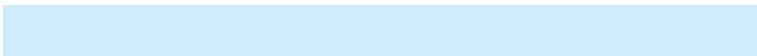
2.2736, 1.6720, 0.2029

Inverse Universe

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



73.2563, 79.4480, 101.9173



73.5412, 80.1899, 106.2099



67.8813, 68.6981, 100.1257



17.1491, 18.3751, 22.0282



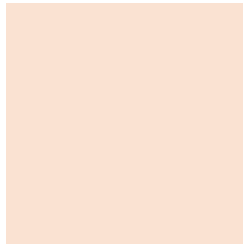
15.0801, 15.5158, 50.1736



1.5004, 1.6444, 4.6815

Previews

White Background



This preview shows how the XYZ color 78.2536, 79.3698, 72.1683 looks on a white background.

Color Contrast Check

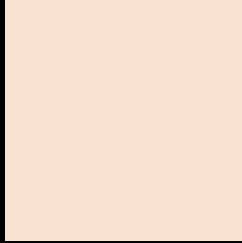
Large Text (above 18pt) WCAG AA × Fail

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 78.2536, 79.3698, 72.1683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

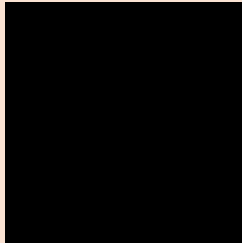
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2536, 79.3698, 72.1683

Background



This preview shows how black text looks on a background with the XYZ color 78.2536, 79.3698, 72.1683.



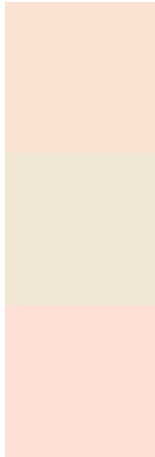
This preview shows how white text looks on a background with the XYZ color 78.2536, 79.3698,

72.1683.

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

78.2536, 79.3698, 72.1683

Protanopia

75.7771, 79.6978, 73.6767

Deuteranopia

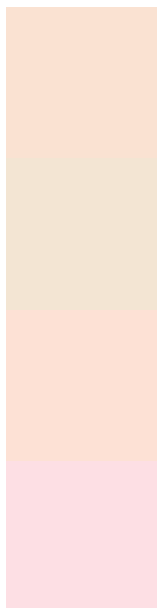
80.0333, 79.4263, 74.7309



Tritanopia

82.5743, 79.5454, 92.6630

Trichromacy



Original Color

78.2536, 79.3698, 72.1683

Protanomaly

76.7393, 79.7965, 72.9857

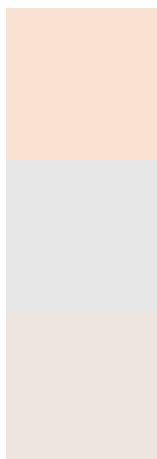
Deuteranomaly

79.4435, 79.5372, 74.1159

Tritanomaly

80.8993, 79.2594, 84.4335

Monochromacy



Original Color

78.2536, 79.3698, 72.1683

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.5985, 79.5435, 81.1283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2536, 79.3698, 72.1683 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(250, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 226, 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(250, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 226, 210) }
```

Border

The CSS property to change the border of an element to XYZ 78.2536, 79.3698, 72.1683 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(250, 226, 210) }
```


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

```
.border{ border-color:rgb(250, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 226,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2536, 79.3698, 72.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 226, 210) }
```

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

```
.background{ background-color: rgb(250,  
226, 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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