

Converting Colors

XYZ(78.3113, 79.4232, 70.9486)

Have a look what the booklet for
XYZ(78.3113, 79.4232, 70.9486)
contains.

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Color

**XYZ(78.3652, 79.4560,
70.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE2D0
RGB	251, 226, 208
RGB Percent	98%, 89%, 82%
CMY	0.0157, 0.1137, 0.1843
CMYK	0.00, 0.10, 0.17, 0.02
HSL	25°, 84%, 90%
HSV	25°, 17%, 98%
XYZ	78.3652, 79.4560, 70.8808
YIQ	231.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

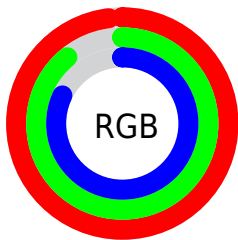
Format	Color
R _Y B	251, 239, 208
Decimal	16507600
CIE Lab	91.44, 5.74, 11.91
CIE LCh	91, 13.219, 64.250
Yxy	79.4560, 0.3427, 0.3474
Android (android.graphics.Color)	4294697680 (0xFFFBE2D0)
YUV	231.4230, -11.5475, 17.1690
Hunter-Lab	89.1381, 0.9355, 15.2505

Details

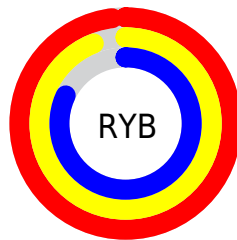
The XYZ color **78.3652, 79.4560, 70.8808** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5636, 78.6511, 102.6241**, and the grayscale version is **76.3452, 80.3211, 87.4696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6438, 42.9282, 36.6103** is the 20% darker color. If you saturate the color by 10%, you get **71.7187, 70.7196, 54.6164**, and if you desaturate by 10%, it is **85.8425, 89.0703, 89.8350**.

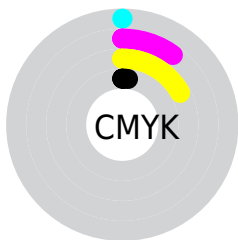
Distribution



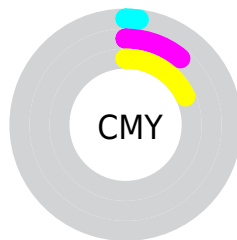
- Red (98%)
- Green (89%)
- Blue (82%)



- Red (98%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3652, 79.4560, 70.8808 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 78.3652, 79.4560, 70.8808 by changing the saturation by 10% instead.


 78.3652, 79.4560,
70.8808

 78.3652, 79.4560,
70.8808

478.2271,
493.0976, 482.5091

 58.6779, 59.2708,
51.7637


130.0275,
132.6006, 122.1569

 42.5992, 42.8312,
36.4358


162.7331,
166.3288, 155.1529

 29.7639, 29.7527,
24.4786


200.5088,
205.3402, 193.6123

 19.8067, 19.6509,
15.4736

243.7201,
250.0190, 237.9536

 12.3620, 12.1416,
9.0021

292.7322,
300.7498, 288.5954

 7.0647, 6.8402,
4.6457

347.9105,

 3.5493, 3.3623,

357.9169, 345.9562

1.9859

409.6203,
421.9047, 410.4546

■ 1.4505, 1.3237,
0.5466

■ 0.2917, 0.1594,
0.0000

■ 78.3652, 79.4560,
70.8808

■ 78.3652, 79.4560,
70.8808

■ 71.7187, 70.7196,
54.6164

■ 85.8425, 89.0703,
89.8350

■ 65.8651, 62.8244,
40.9132

■ 93.5940, 99.2494,
108.8319

■ 60.7731, 55.7469,
29.6395

■ 56.4067, 49.4579,
20.6498

■ 52.7263, 43.9265,
13.7827

■ 49.6877, 39.1192,
8.8555

■ 47.2406, 34.9990,
5.6537

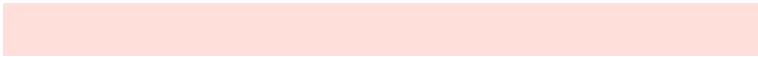
■ 45.3223, 31.5230,
3.9026

■ 44.8455, 30.6324,
3.5490

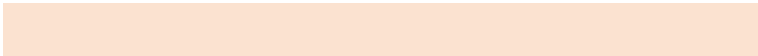
Harmonies

Analogous

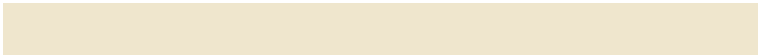
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9935, 79.4560, 76.5029



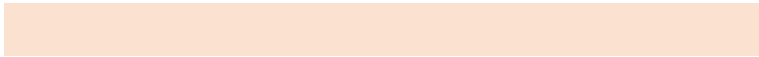
78.3652, 79.4560, 70.8808



75.0423, 79.4560, 69.3265

Triad

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



78.3652, 79.4560, 70.8808



69.2529, 79.4560, 87.8940



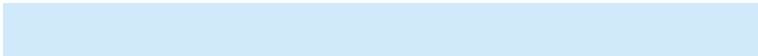
79.2192, 79.4560, 102.7449

Complementary

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



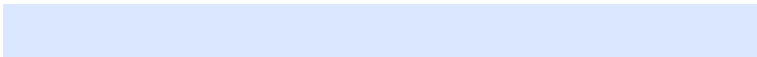
78.3652, 79.4560, 70.8808



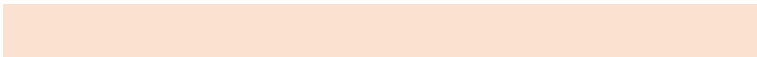
72.5636, 78.6511, 102.6241

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.



76.0009, 79.4560, 106.3307



78.3652, 79.4560, 70.8808



70.2999, 79.4560, 97.3626

Square

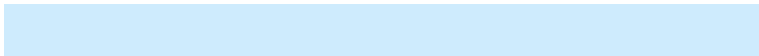
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3652, 79.4560, 70.8808



69.8439, 79.4560, 78.7143



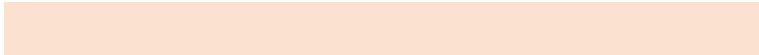
72.7456, 79.4560, 104.2920



81.4967, 79.4560, 94.8128

Rectangle

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



78.3652, 79.4560, 70.8808



72.8953, 79.4560, 70.7016



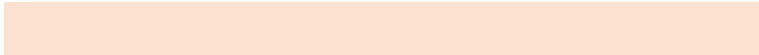
72.7456, 79.4560, 104.2920



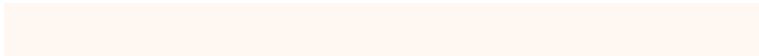
78.2081, 79.4560, 104.5242

Sweetspot

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



78.3673, 79.4596, 70.8825



90.7457, 94.5679, 97.6720



77.0603, 71.5100, 86.8954



19.2977, 20.0821, 20.5807



0.0000, 0.0000, 0.0000



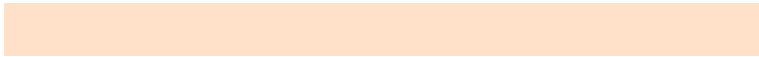
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3673, 79.4596, 70.8825



78.4569, 78.7409, 66.5997



84.5579, 91.8407, 72.9460



17.8418, 18.4195, 18.0773



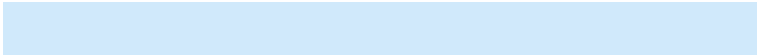
23.7087, 16.3741, 1.9109



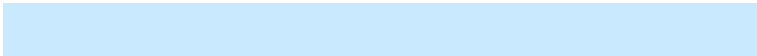
2.2980, 1.7208, 0.2110

Inverse Universe

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



72.5636, 78.6511, 102.6241



71.2781, 77.7391, 105.8561



66.8655, 67.2550, 100.7248



17.1212, 18.3193, 22.0189



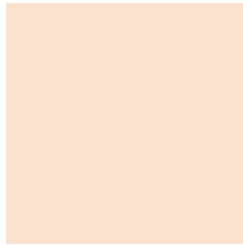
14.6952, 14.7459, 50.0453



1.4658, 1.5752, 4.6700

Previews

White Background



This preview shows how the XYZ color 78.3652, 79.4560, 70.8808 looks on a white background.

Color Contrast Check

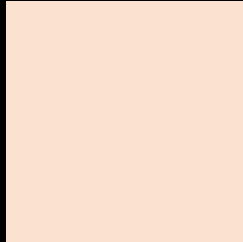
Large Text (above 18pt) WCAG AA × Fail

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 78.3652, 79.4560, 70.8808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

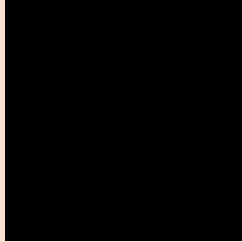
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3652, 79.4560, 70.8808

Background



This preview shows how black text looks on a background with the XYZ color 78.3652, 79.4560, 70.8808.



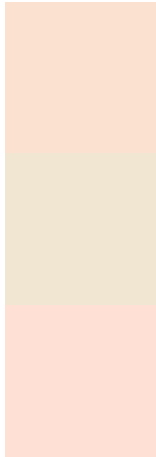
This preview shows how white text looks on a background with the XYZ color 78.3652, 79.4560,

70.8808.

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

78.3652, 79.4560, 70.8808

Protanopia

75.8649, 79.7720, 72.3718

Deuteranopia

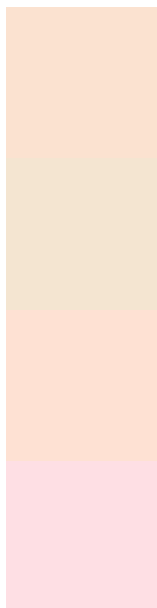
79.9059, 79.3754, 74.0603



Tritanopia

82.6764, 79.2049, 92.5919

Trichromacy



Original Color

78.3652, 79.4560, 70.8808

Protanomaly

76.8362, 79.8752, 71.6893

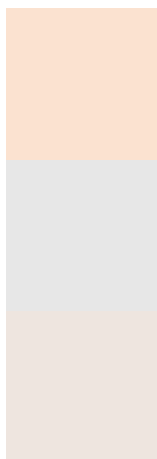
Deuteranomaly

79.5561, 79.6244, 72.8040

Tritanomaly

81.2643, 79.4476, 84.4506

Monochromacy



Original Color

78.3652, 79.4560, 70.8808

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 78.3652, 79.4560, 70.8808 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(251, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 226, 208)  
}
```

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(251, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 78.3652, 79.4560, 70.8808 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(251, 226, 208) }
```


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

```
.border{ border-color:rgb(251, 226, 208) }
```

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

Here you see how a box with a 4 pixel rgb(251, 226, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3652, 79.4560, 70.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 226, 208) }
```

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

```
.background{ background-color: rgb(251,  
226, 208) }
```

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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