

Converting Colors

XYZ(79.1508, 80.6872, 70.4340)

Have a look what the booklet for
XYZ(79.1508, 80.6872, 70.4340)
contains.

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Color

**XYZ(79.1508, 80.6872,
70.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE4CF
RGB	252, 228, 207
RGB Percent	99%, 89%, 81%
CMY	0.0118, 0.1059, 0.1882
CMYK	0.00, 0.10, 0.18, 0.01
HSL	28°, 88%, 90%
HSV	28°, 18%, 99%
XYZ	79.1508, 80.6872, 70.4340
YIQ	232.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

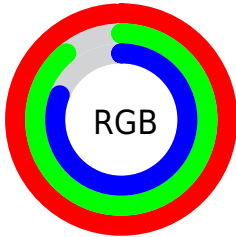
Format	Color
R _Y B	252, 246, 207
Decimal	16573647
CIE Lab	91.99, 4.92, 13.22
CIE LCh	92, 14.111, 69.573
Yxy	80.6872, 0.3437, 0.3504
Android (android.graphics.Color)	4294763727 (0xFFFC E4CF)
YUV	232.7820, -12.7105, 16.8542
Hunter-Lab	89.8261, 0.0908, 16.3880

Details

The XYZ color **79.1508, 80.6872, 70.4340** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8784, 77.4440, 103.2560**, and the grayscale version is **77.3714, 81.4008, 88.6454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1990, 43.7892, 36.3123** is the 20% darker color. If you saturate the color by 10%, you get **72.7589, 72.4463, 54.2973**, and if you desaturate by 10%, it is **86.3261, 89.7068, 89.2596**.

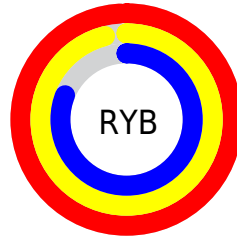
Distribution



Red (99%)

Green (89%)

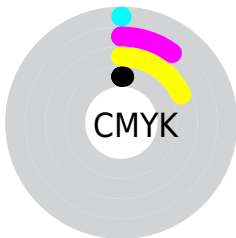
Blue (81%)



Red (99%)

Yellow (96%)

Blue (81%)

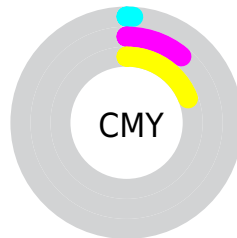


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1508, 80.6872, 70.4340 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 79.1508, 80.6872, 70.4340 by changing the saturation by 10% instead.


 79.1508, 80.6872,
70.4340

 79.1508, 80.6872,
70.4340


480.8466,
497.2457, 480.9026

 59.3259, 60.2840,
51.4014


131.1279,
134.3315, 121.5144

 43.1229, 43.6476,
36.1492


164.0109,
168.3413, 154.3993

 30.1765, 30.3936,
24.2589


201.9771,
207.6556, 192.7387

 20.1213, 20.1375,
15.3118

245.3922,
252.6585, 236.9512

 12.5920, 12.4950,
8.8895

294.6213,
303.7346, 287.4553

 7.2233, 7.0818,
4.5733

350.0298,

 3.6497, 3.5133,

361.2683, 344.6695

1.9448

411.9831,
425.6438, 409.0125

■ 1.5059, 1.4052,
0.5210

■ 0.3299, 0.2206,
0.0000

■ 79.1508, 80.6872,
70.4340

■ 79.1508, 80.6872,
70.4340

■ 72.7589, 72.4463,
54.2973

■ 86.3261, 89.7068,
89.2596

■ 67.1143, 64.9508,
40.7197

■ 93.9172, 99.3597,
108.8361

■ 62.1871, 58.1809,
29.5681

■ 93.9552, 99.4356,
108.8488

■ 57.9428, 52.1116,
20.6953

■ 54.3437, 46.7162,
13.9377

■ 51.3473, 41.9654,
9.1098

■ 48.9047, 37.8271,
5.9927

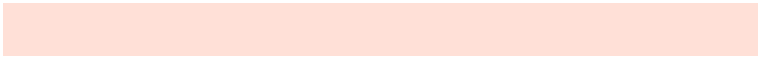
■ 46.9523, 34.2625,
4.2938

■ 46.5797, 33.5647,
4.0236

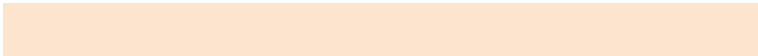
Harmonies

Analogous

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



82.1934, 80.6872, 75.7340



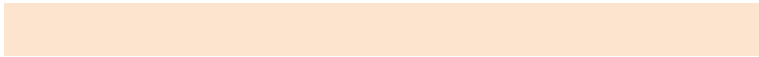
79.1508, 80.6872, 70.4340



75.5367, 80.6872, 69.5935

Triad

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



79.1508, 80.6872, 70.4340



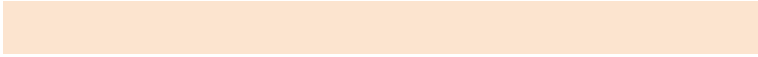
70.0169, 80.6872, 91.2186



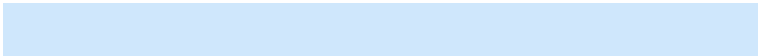
81.2204, 80.6872, 104.1682

Complementary

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



79.1508, 80.6872, 70.4340



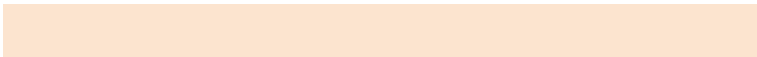
71.8784, 77.4440, 103.2560

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.



77.8565, 80.6872, 109.0597



79.1508, 80.6872, 70.4340



71.4393, 80.6872, 101.2040

Square

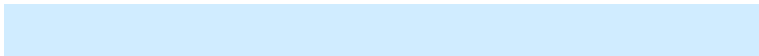
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1508, 80.6872, 70.4340



70.3387, 80.6872, 81.0661



74.2822, 80.6872, 107.9341



83.4142, 80.6872, 95.0120

Rectangle

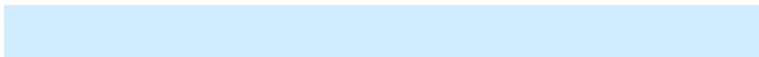
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1508, 80.6872, 70.4340



73.2998, 80.6872, 71.6021



74.2822, 80.6872, 107.9341



80.1847, 80.6872, 106.3973

Sweetspot

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



79.1530, 80.6908, 70.4357



90.9339, 94.9445, 97.7348



76.8825, 71.0917, 85.2722



19.3434, 20.1735, 20.5960



0.0000, 0.0000, 0.0000



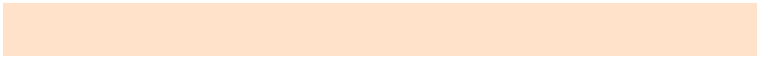
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1530, 80.6908, 70.4357



79.1533, 80.1336, 66.8318



85.7494, 93.8837, 72.6345



17.9125, 18.5609, 18.1009



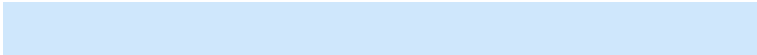
24.4082, 17.7730, 2.1441



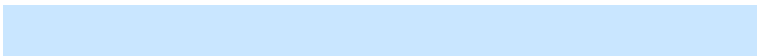
2.3656, 1.8561, 0.2336

Inverse Universe

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



71.8784, 77.4440, 103.2560



70.5566, 76.2961, 105.6156



65.9819, 65.6508, 101.2905



17.0495, 18.1757, 21.9950



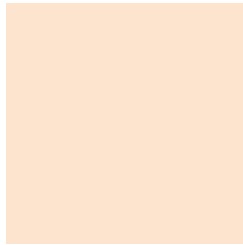
13.7697, 12.8949, 49.7368



1.3814, 1.4066, 4.6419

Previews

White Background



This preview shows how the XYZ color 79.1508, 80.6872, 70.4340 looks on a white background.

Color Contrast Check

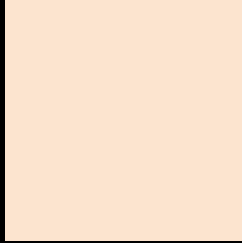
Large Text (above 18pt) WCAG AA × Fail

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 79.1508, 80.6872, 70.4340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

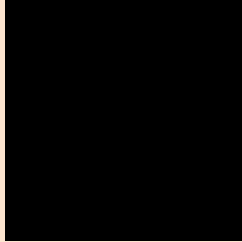
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1508, 80.6872, 70.4340

Background



This preview shows how black text looks on a background with the XYZ color 79.1508, 80.6872, 70.4340.



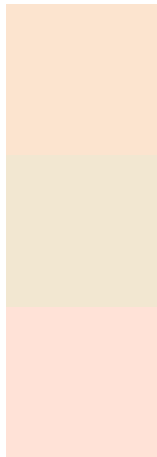
This preview shows how white text looks on a background with the XYZ color 79.1508, 80.6872,

70.4340.

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

79.1508, 80.6872, 70.4340

Protanopia

76.7025, 80.6325, 71.8426

Deuteranopia

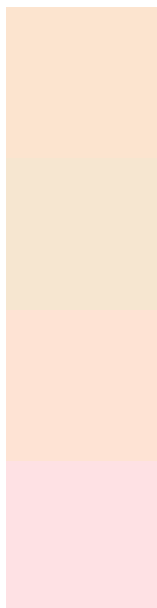
80.7021, 80.5590, 75.5860



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

79.1508, 80.6872, 70.4340

Protanomaly

77.6880, 80.7405, 71.1644

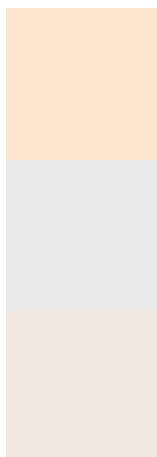
Deuteranomaly

80.2258, 80.7625, 73.6477

Tritanomaly

81.8019, 80.5227, 84.6298

Monochromacy



Original Color

79.1508, 80.6872, 70.4340

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9656, 81.0589, 82.0577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1508, 80.6872, 70.4340 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, 228, 207) looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 207)  
}
```

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, 228, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 207) }
```

Border

The CSS property to change the border of an element to XYZ 79.1508, 80.6872, 70.4340 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, 228, 207) }
```


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

```
.border{ border-color:rgb(252, 228, 207) }
```

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

Here you see how a box with a 4 pixel rgb(252, 228, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1508, 80.6872, 70.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 207) }
```

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

```
.background{ background-color: rgb(252,  
228, 207) }
```

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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