

Converting Colors

XYZ(79.4469, 79.2401, 71.4941)

Have a look what the booklet for
XYZ(79.4469, 79.2401, 71.4941)
contains.

XYZ(79.4043, 79.1748, 71.4188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.4043, 79.1748,
71.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0D1
RGB	255, 224, 209
RGB Percent	100%, 88%, 82%
CMY	0.0000, 0.1215, 0.1804
CMYK	0.00, 0.12, 0.18, 0.00
HSL	20°, 100%, 91%
HSV	20°, 18%, 100%
XYZ	79.4043, 79.1748, 71.4188
YIQ	231.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

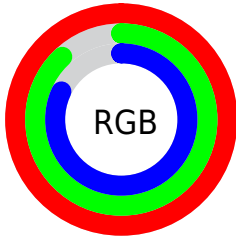
Format	Color
R _Y B	255, 231, 209
Decimal	16769233
CIE Lab	91.31, 8.35, 11.25
CIE LCh	91, 14.013, 53.407
Yxy	79.1748, 0.3452, 0.3442
Android (android.graphics.Color)	4294959313 (0xFFFFE0D1)
YUV	231.5590, -11.1216, 20.5578
Hunter-Lab	88.9802, 3.5747, 14.6978

Details

The XYZ color **79.4043, 79.1748, 71.4188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5037, 83.0930, 106.6668**, and the grayscale version is **76.4421, 80.4230, 87.5807**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3931, 42.7483, 36.9745** is the 20% darker color. If you saturate the color by 10%, you get **72.1099, 69.2404, 54.6381**, and if you desaturate by 10%, it is **87.6745, 90.2515, 91.0196**.

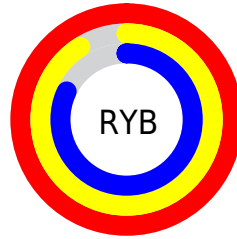
Distribution



Red (100%)

Green (88%)

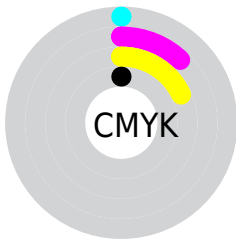
Blue (82%)



Red (100%)

Yellow (91%)

Blue (82%)

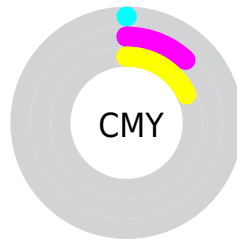


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4043, 79.1748, 71.4188 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 79.4043, 79.1748, 71.4188 by changing the saturation by 10% instead.


 79.4043, 79.1748,
71.4188

 79.4043, 79.1748,
71.4188


481.6902,
492.1475, 484.4392

 59.5351, 59.0395,
52.2001


131.4828,
132.2049, 122.9299

 43.2920, 42.6449,
36.7813


164.4228,
165.8686, 156.0593

 30.3098, 29.6066,
24.7437

202.4504,
204.8105, 194.6628

 20.2231, 19.5402,
15.6689

245.9310,
249.4150, 239.1588

 12.6665, 12.0613,
9.1384

295.2299,
300.0666, 289.9659

 7.2747, 6.7854,
4.7335

350.7125,

 3.6824, 3.3283,

357.1496, 347.5027

2.0358

412.7441,
421.0484, 412.1876

■ 1.5240, 1.3054,
0.5771

■ 0.3421, 0.1454,
0.0000

■ 79.4043, 79.1748,
71.4188

■ 79.4043, 79.1748,
71.4188

■ 72.1099, 69.2404,
54.6381

■ 87.6745, 90.2515,
91.0196

■ 65.7478, 60.4009,
40.5418

95.0500, 100.0000,
108.9000

■ 60.2796, 52.6204,
28.9899

■ 55.6617, 45.8571,
19.8280

■ 51.8464, 40.0663,
12.8846

■ 48.7809, 35.1996,
7.9648

■ 46.4043, 31.2032,
4.8392

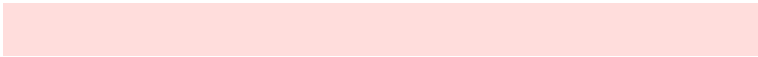
■ 44.6393, 28.0149,
3.1983

■ 44.3471, 27.4742,
2.9657

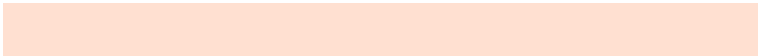
Harmonies

Analogous

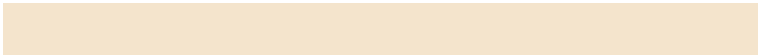
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7056, 79.1748, 78.6586



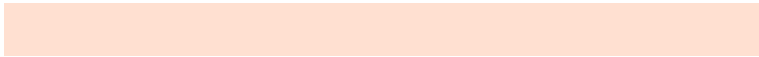
79.4043, 79.1748, 71.4188



76.0412, 79.1748, 68.1779

Triad

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



79.4043, 79.1748, 71.4188



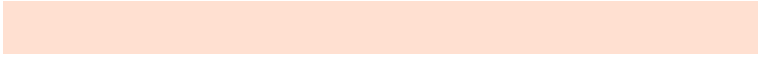
68.6618, 79.1748, 83.9786



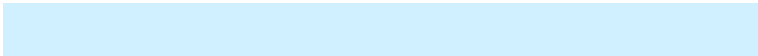
78.0030, 79.1748, 105.4609

Complementary

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



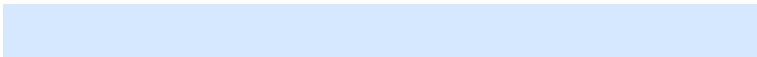
79.4043, 79.1748, 71.4188



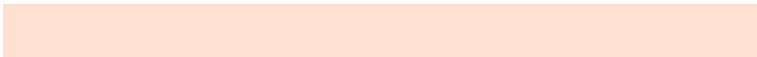
75.5037, 83.0930, 106.6668

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.



74.4708, 79.1748, 107.1656



79.4043, 79.1748, 71.4188



69.1499, 79.1748, 94.2254

Square

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



79.4043, 79.1748, 71.4188



69.8947, 79.1748, 75.0510



71.2495, 79.1748, 102.9095



80.8790, 79.1748, 98.4191

Rectangle

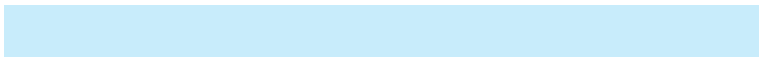
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4043, 79.1748, 71.4188



73.6786, 79.1748, 68.5242



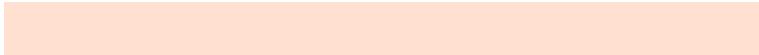
71.2495, 79.1748, 102.9095



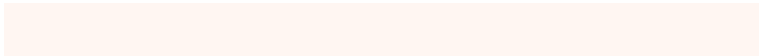
76.8502, 79.1748, 106.6989

Sweetspot

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



79.4062, 79.1782, 71.4205



90.3849, 93.8465, 97.5518



79.8336, 73.1788, 92.6936



19.2101, 19.9070, 20.5516



0.0000, 0.0000, 0.0000



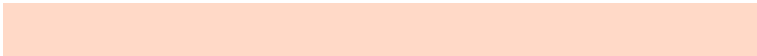
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4062, 79.1782, 71.4205



76.4016, 75.1076, 64.4424



85.8773, 92.1205, 73.5775



18.4932, 18.9546, 18.8282



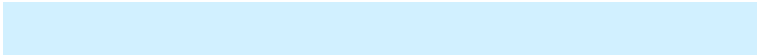
23.2925, 14.5961, 1.5897



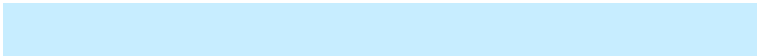
2.3625, 1.6105, 0.1863

Inverse Universe

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



75.5037, 83.0930, 106.6668



71.7741, 79.7434, 106.2169



69.2700, 70.6257, 104.5889



18.0262, 19.4240, 23.0491



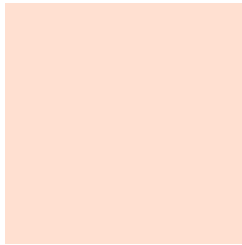
17.2639, 19.4374, 52.2765



1.7805, 2.0918, 5.1232

Previews

White Background



This preview shows how the XYZ color 79.4043, 79.1748, 71.4188 looks on a white background.

Color Contrast Check

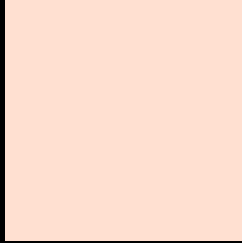
Large Text (above 18pt) WCAG AA × Fail

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 79.4043, 79.1748, 71.4188 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 79.4043, 79.1748, 71.4188

Background



This preview shows how black text looks on a background with the XYZ color 79.4043, 79.1748, 71.4188.



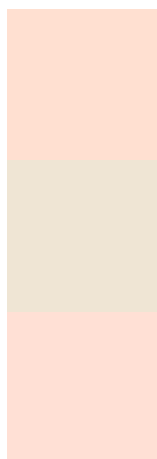
This preview shows how white text looks on a background with the XYZ color 79.4043, 79.1748,

71.4188.

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

79.4043, 79.1748, 71.4188

Protanopia

75.4996, 79.1428, 73.5842

Deuteranopia

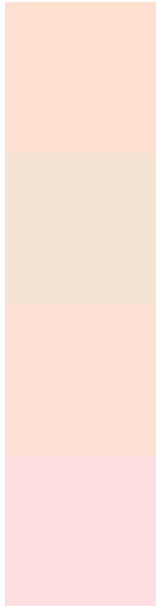
79.9059, 79.3754, 74.0603



Tritanopia

82.2368, 79.0290, 90.2767

Trichromacy



Original Color

79.4043, 79.1748, 71.4188

Protanomaly

76.8831, 79.0538, 72.8347

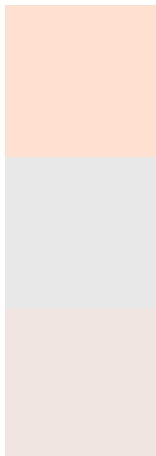
Deuteranomaly

79.7793, 79.3248, 73.3937

Tritanomaly

81.0887, 78.9935, 82.9249

Monochromacy



Original Color

79.4043, 79.1748, 71.4188

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4090, 79.9457, 81.8722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4043, 79.1748, 71.4188 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, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 209)  
}
```

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, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 209) }
```

Border

The CSS property to change the border of an element to XYZ 79.4043, 79.1748, 71.4188 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, 224, 209) }
```


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

```
.border{ border-color:rgb(255, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4043, 79.1748, 71.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 209) }
```

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

```
.background{ background-color: rgb(255,  
224, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor