

Converting Colors

XYZ(118.8823, 100.0000,
73.5708)

Have a look what the booklet for
XYZ(118.8823, 100.0000, 73.5708)
contains.

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Color

**XYZ(79.6738, 79.7139,
71.5087)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1D1
RGB	255, 225, 209
RGB Percent	100%, 88%, 82%
CMY	0.0000, 0.1176, 0.1804
CMYK	0.00, 0.12, 0.18, 0.00
HSL	21°, 100%, 91%
HSV	21°, 18%, 100%
XYZ	79.6738, 79.7139, 71.5087
YIQ	232.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

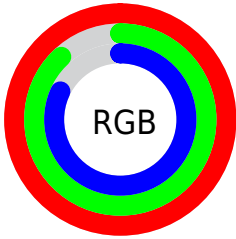
Format	Color
R _Y B	255, 234, 209
Decimal	16769489
CIE Lab	91.56, 7.84, 11.60
CIE LCh	92, 13.997, 55.946
Yxy	79.7139, 0.3451, 0.3452
Android (android.graphics.Color)	4294959569 (0xFFFFE1D1)
YUV	232.1460, -11.4110, 20.0430
Hunter-Lab	89.2826, 3.0447, 15.0110

Details

The XYZ color **79.6738, 79.7139, 71.5087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2102, 82.5059, 106.5690**, and the grayscale version is **76.8834, 80.8874, 88.0863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5798, 43.1218, 37.0368** is the 20% darker color. If you saturate the color by 10%, you get **72.4879, 69.9965, 54.7642**, and if you desaturate by 10%, it is **87.8068, 90.5159, 91.0638**.

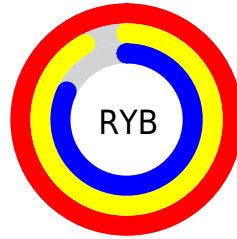
Distribution



Red (100%)

Green (88%)

Blue (82%)



Red (100%)

Yellow (92%)

Blue (82%)

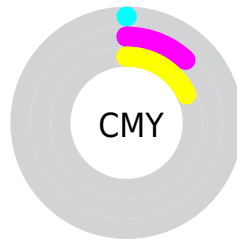


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6738, 79.7139, 71.5087 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 79.6738, 79.7139, 71.5087 by changing the saturation by 10% instead.


 79.6738, 79.7139,
71.5087

 79.6738, 79.7139,
71.5087


482.5861,
493.9681, 484.7612

 59.7575, 59.4830,
52.2731


131.8599,
132.9634, 123.0590

 43.4719, 43.0020,
36.8390


164.8605,
166.7508, 156.2107

 30.4517, 29.8867,
24.7881


202.9532,
205.8257, 194.8382

 20.3315, 19.7526,
15.7017

246.5034,
250.5727, 239.3600

 12.7459, 12.2153,
9.1612

295.8764,
301.3760, 290.1947

 7.3296, 6.8905,
4.7482

351.4377,

 3.7172, 3.3937,

358.6201, 347.7608

2.0442

413.5524,
422.6893, 412.4768

■ 1.5434, 1.3406,
0.5822

■ 0.3551, 0.1723,
0.0000

■ 79.6738, 79.7139,
71.5087

■ 79.6738, 79.7139,
71.5087

■ 72.4879, 69.9965,
54.7642

■ 87.8068, 90.5159,
91.0638

■ 66.2068, 61.3188,
40.6948

95.0500, 100.0000,
108.9000

■ 60.7933, 53.6478,
29.1612

■ 56.2056, 46.9449,
20.0093

■ 52.3975, 41.1685,
13.0683

■ 49.3180, 36.2738,
8.1438

■ 46.9083, 32.2113,
5.0072

■ 45.0933, 28.9228,
3.3496

■ 44.7895, 28.3590,
3.1132

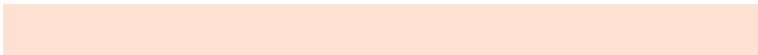
Harmonies

Analogous

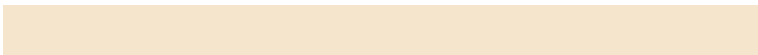
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1055, 79.7139, 78.4768



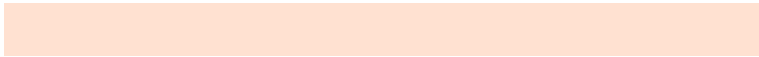
79.6738, 79.7139, 71.5087



76.2518, 79.7139, 68.6294

Triad

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



79.6738, 79.7139, 71.5087



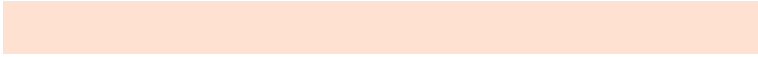
69.1245, 79.7139, 85.4129



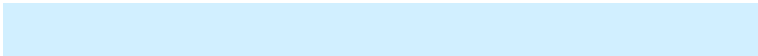
78.8080, 79.7139, 105.6941

Complementary

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



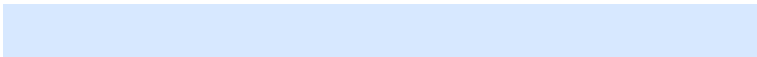
79.6738, 79.7139, 71.5087



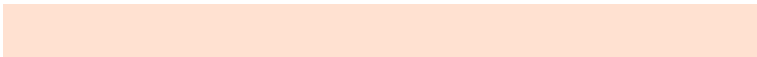
75.2102, 82.5059, 106.5690

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.



75.2816, 79.7139, 107.9124



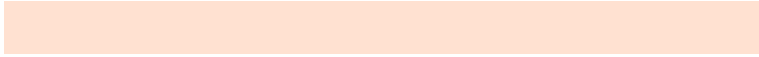
79.6738, 79.7139, 71.5087



69.7609, 79.7139, 95.6809

Square

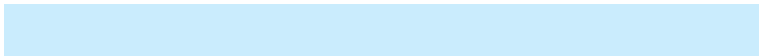
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6738, 79.7139, 71.5087



70.2211, 79.7139, 76.2480



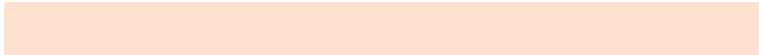
71.9875, 79.7139, 104.1176



81.5947, 79.7139, 98.2721

Rectangle

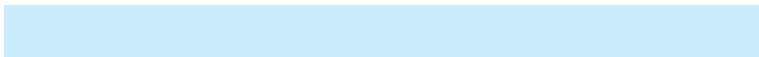
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6738, 79.7139, 71.5087



73.8959, 79.7139, 69.2358



71.9875, 79.7139, 104.1176



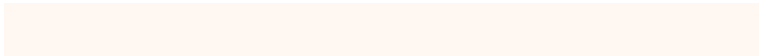
77.6667, 79.7139, 107.0969

Sweetspot

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



79.6758, 79.7174, 71.5104



90.4695, 94.0156, 97.5800



79.7197, 73.1333, 92.0936



19.2307, 19.9480, 20.5584



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.



79.6758, 79.7174, 71.5104



76.7175, 75.7395, 64.5477



86.1117, 92.5893, 73.6557



18.5262, 19.0206, 18.8392



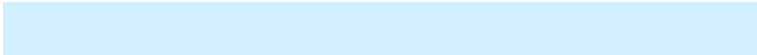
23.5289, 15.0690, 1.6685



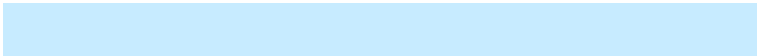
2.3885, 1.6624, 0.1950

Inverse Universe

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



75.2102, 82.5059, 106.5690



71.4228, 79.0407, 106.0997



69.0724, 70.2304, 104.5230



17.9917, 19.3550, 23.0376



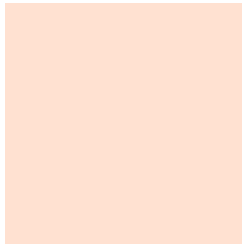
16.7281, 18.3657, 52.0979



1.7311, 1.9928, 5.1067

Previews

White Background



This preview shows how the XYZ color 79.6738, 79.7139, 71.5087 looks on a white background.

Color Contrast Check

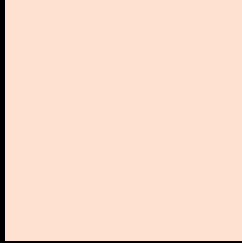
Large Text (above 18pt) WCAG AA × Fail

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 79.6738, 79.7139, 71.5087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

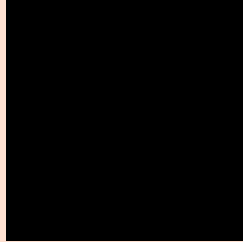
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6738, 79.7139, 71.5087

Background



This preview shows how black text looks on a background with the XYZ color 79.6738, 79.7139, 71.5087.

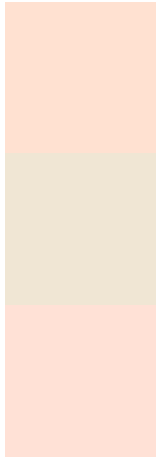


This preview shows how white text looks on a background with the XYZ color 79.6738, 79.7139,

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

79.6738, 79.7139, 71.5087

Protanopia

76.1157, 79.8724, 73.6925

Deuteranopia

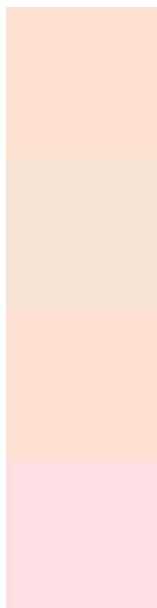
80.3028, 79.9655, 74.8208



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

79.6738, 79.7139, 71.5087

Protanomaly

77.1575, 79.6024, 72.9262

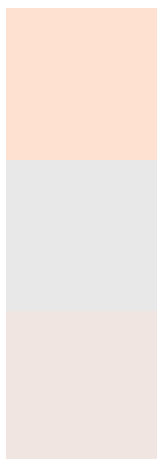
Deuteranomaly

80.0489, 79.8639, 73.4836

Tritanomaly

81.4928, 79.5814, 83.7387

Monochromacy



Original Color

79.6738, 79.7139, 71.5087

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 79.6738, 79.7139, 71.5087 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, 225, 209) looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 209) }
```

Border

The CSS property to change the border of an element to XYZ 79.6738, 79.7139, 71.5087 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, 225, 209) }
```


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

```
.border{ border-color:rgb(255, 225, 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, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6738, 79.7139, 71.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 209) }
```

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

```
.background{ background-color: rgb(255,  
225, 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](#).

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