

Converting Colors

XYZ(79.1730, 78.6924, 71.4028)

Have a look what the booklet for
XYZ(79.1730, 78.6924, 71.4028)
contains.

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Color

**XYZ(79.1363, 78.6388,
71.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD1
RGB	255, 223, 209
RGB Percent	100%, 87%, 82%
CMY	0.0000, 0.1255, 0.1804
CMYK	0.00, 0.13, 0.18, 0.00
HSL	18°, 100%, 91%
HSV	18°, 18%, 100%
XYZ	79.1363, 78.6388, 71.3295
YIQ	230.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

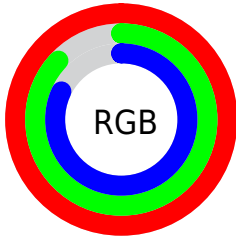
Format	Color
R _Y B	255, 229, 209
Decimal	16768977
CIE Lab	91.07, 8.87, 10.90
CIE LCh	91, 14.056, 50.877
Yxy	78.6388, 0.3454, 0.3432
Android (android.graphics.Color)	4294959057 (0xFFFFDFD1)
YUV	230.9720, -10.8322, 21.0726
Hunter-Lab	88.6785, 4.1052, 14.3844

Details

The XYZ color **79.1363, 78.6388, 71.3295** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7989, 83.6835, 106.7652**, and the grayscale version is **76.0022, 79.9603, 87.0767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2077, 42.3776, 36.9127** is the 20% darker color. If you saturate the color by 10%, you get **71.7355, 68.4917, 54.5134**, and if you desaturate by 10%, it is **87.5426, 89.9877, 90.9757**.

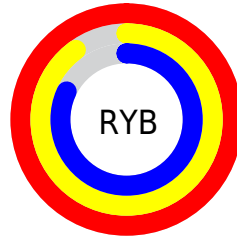
Distribution



Red (100%)

Green (87%)

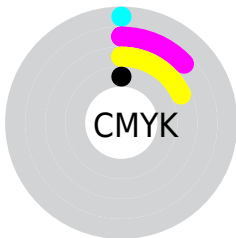
Blue (82%)



Red (100%)

Yellow (90%)

Blue (82%)

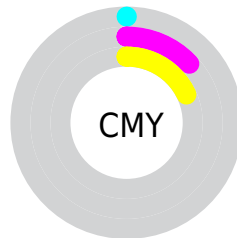


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1363, 78.6388, 71.3295 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 79.1363, 78.6388, 71.3295 by changing the saturation by 10% instead.


 79.1363, 78.6388,
71.3295

 79.1363, 78.6388,
71.3295


480.7983,
490.3336, 484.1191

 59.3139, 58.5989,
52.1277


131.1076,
131.4502, 122.8016

 43.1132, 42.2903,
36.7239


163.9873,
164.9906, 155.9090

 30.1688, 29.3287,
24.6997


201.9501,
203.7998, 194.4885

 20.1155, 19.3296,
15.6365

245.3613,
248.2623, 238.9589

 12.5878, 11.9087,
9.1157

294.5864,
298.7626, 289.7386

 7.2203, 6.6815,
4.7189

349.9907,

 3.6478, 3.2637,

355.6850, 347.2462

2.0275

411.9396,
419.4138, 411.9002

■ 1.5049, 1.2709,
0.5721

■ 0.3292, 0.1185,
0.0000

■ 79.1363, 78.6388,
71.3295

■ 79.1363, 78.6388,
71.3295

■ 71.7355, 68.4917,
54.5134

■ 87.5426, 89.9877,
90.9757

■ 65.2954, 59.4961,
40.3910

95.0500, 100.0000,
108.9000

■ 59.7760, 51.6132,
28.8220

■ 55.1320, 44.7978,
19.6515

■ 51.3141, 39.0017,
12.7071

■ 48.2673, 34.1723,
7.7936

■ 45.9286, 30.2519,
4.6807

■ 44.2184, 27.1730,
3.0580

■ 43.9386, 26.6573,
2.8295

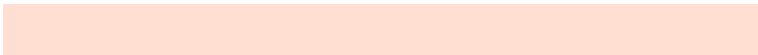
Harmonies

Analogous

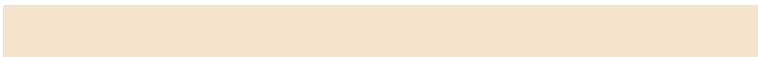
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3080, 78.6388, 78.8417



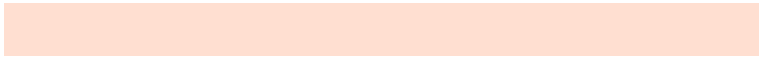
79.1363, 78.6388, 71.3295



75.8318, 78.6388, 67.7286

Triad

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



79.1363, 78.6388, 71.3295



68.2017, 78.6388, 82.5606



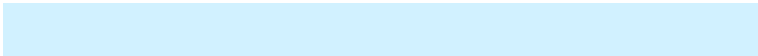
77.2041, 78.6388, 105.2296

Complementary

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



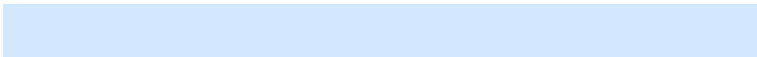
79.1363, 78.6388, 71.3295



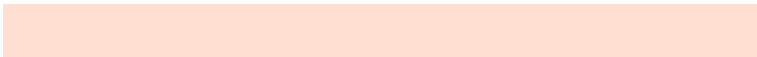
75.7989, 83.6835, 106.7652

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.



73.6663, 78.6388, 106.4235



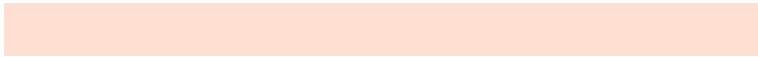
79.1363, 78.6388, 71.3295



68.5428, 78.6388, 92.7852

Square

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



79.1363, 78.6388, 71.3295



69.5699, 78.6388, 73.8666



70.5170, 78.6388, 101.7117



80.1681, 78.6388, 98.5677

Rectangle

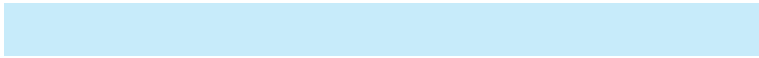
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1363, 78.6388, 71.3295



73.4625, 78.6388, 67.8176



70.5170, 78.6388, 101.7117



76.0400, 78.6388, 106.3033

Sweetspot

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



79.1382, 78.6422, 71.3311



90.3005, 93.6776, 97.5236



79.9480, 73.2246, 93.2963



19.1897, 19.8660, 20.5447



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.



79.1382, 78.6422, 71.3311



76.0879, 74.4804, 64.3379



85.6439, 91.6537, 73.4997



18.4603, 18.8888, 18.8173



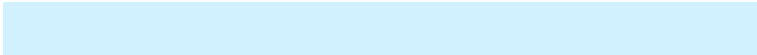
23.0733, 14.1579, 1.5166



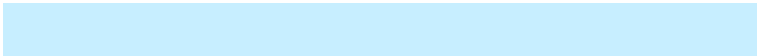
2.3380, 1.5613, 0.1781

Inverse Universe

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



75.7989, 83.6835, 106.7652



72.1279, 80.4509, 106.3348



69.4686, 71.0229, 104.6551



18.0607, 19.4931, 23.0606



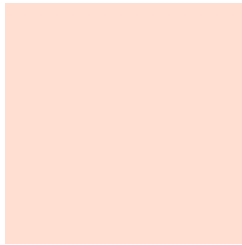
17.8221, 20.5539, 52.4625



1.8317, 2.1942, 5.1402

Previews

White Background



This preview shows how the XYZ color 79.1363, 78.6388, 71.3295 looks on a white background.

Color Contrast Check

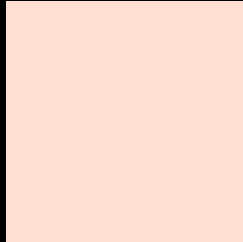
Large Text (above 18pt) WCAG AA × Fail

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 79.1363, 78.6388, 71.3295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

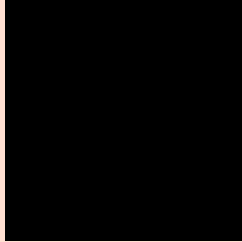
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1363, 78.6388, 71.3295

Background



This preview shows how black text looks on a background with the XYZ color 79.1363, 78.6388, 71.3295.



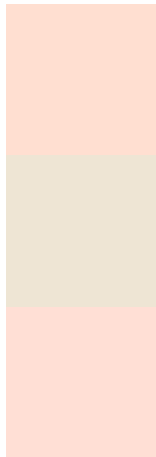
This preview shows how white text looks on a background with the XYZ color 79.1363, 78.6388,

71.3295.

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

79.1363, 78.6388, 71.3295

Protanopia

75.1629, 78.9692, 73.5684

Deuteranopia

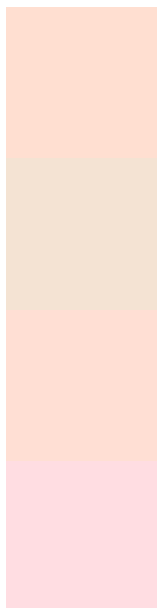
79.6379, 78.8394, 73.9710



Tritanopia

81.8286, 78.4446, 89.4257

Trichromacy



Original Color

79.1363, 78.6388, 71.3295

Protanomaly

76.5352, 78.8744, 72.8185

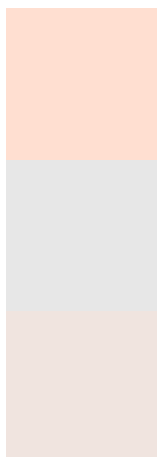
Deuteranomaly

79.5113, 78.7888, 73.3044

Tritanomaly

80.8239, 78.4639, 82.8367

Monochromacy



Original Color

79.1363, 78.6388, 71.3295

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.9979, 79.3398, 81.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1363, 78.6388, 71.3295 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, 223, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 209) }
```

Border

The CSS property to change the border of an element to XYZ 79.1363, 78.6388, 71.3295 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, 223, 209) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1363, 78.6388, 71.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 209) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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