

Converting Colors

XYZ(97.3398, 88.4861, 71.2802)

Have a look what the booklet for
XYZ(97.3398, 88.4861, 71.2802)
contains.

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Color

**XYZ(79.1581, 79.0763,
70.1227)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0CF
RGB	255, 224, 207
RGB Percent	100%, 88%, 81%
CMY	0.0000, 0.1215, 0.1882
CMYK	0.00, 0.12, 0.19, 0.00
HSL	21°, 100%, 91%
HSV	21°, 19%, 100%
XYZ	79.1581, 79.0763, 70.1227
YIQ	231.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

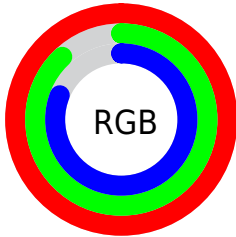
Format	Color
R _Y B	255, 233, 207
Decimal	16769231
CIE _{Lab}	91.27, 8.06, 12.23
CIE _{LCh}	91, 14.647, 56.624
Y _{xy}	79.0763, 0.3466, 0.3463
Android (android.graphics.Color)	4294959311 (0xFFFFE0CF)
Y _{UV}	231.3310, -11.9952, 20.7577
Hunter-Lab	88.9249, 3.2766, 15.4936

Details

The XYZ color **79.1581, 79.0763, 70.1227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3558, 81.6321, 106.4453**, and the grayscale version is **76.2779, 80.2503, 87.3926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2264, 42.6816, 36.0971** is the 20% darker color. If you saturate the color by 10%, you get **72.0760, 69.5047, 53.6034**, and if you desaturate by 10%, it is **87.1762, 89.7134, 89.4399**.

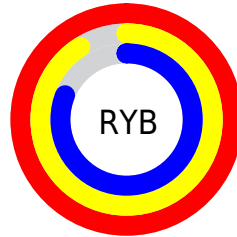
Distribution



Red (100%)

Green (88%)

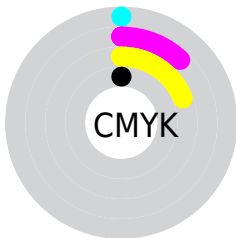
Blue (81%)



Red (100%)

Yellow (91%)

Blue (81%)

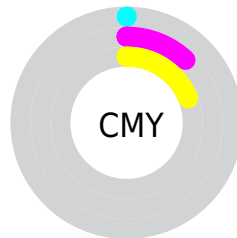


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1581, 79.0763, 70.1227 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 79.1581, 79.0763, 70.1227 by changing the saturation by 10% instead.


 79.1581, 79.0763,
70.1227

 79.1581, 79.0763,
70.1227


480.8709,
491.8144, 479.7815

 59.3319, 58.9585,
51.1491


131.1382,
132.0663, 121.0665

 43.1277, 42.5797,
35.9498


164.0227,
165.7073, 153.8738

 30.1803, 29.5555,
24.1060


201.9908,
204.6248, 192.1294

 20.1242, 19.5015,
15.1994

245.4077,
249.2033, 236.2519

 12.5942, 12.0332,
8.8112

294.6388,
299.8271, 286.6598

 7.2248, 6.7663,
4.5231

350.0495,

 3.6506, 3.3164,

356.8806, 343.7717

1.9165

412.0050,
420.7483, 408.0061

■ 1.5064, 1.2990,
0.5032

■ 0.3302, 0.1405,
0.0000

■ 79.1581, 79.0763,
70.1227

■ 79.1581, 79.0763,
70.1227

■ 72.0760, 69.5047,
53.6034

■ 87.1762, 89.7134,
89.4399

■ 65.8879, 60.9543,
39.7460

95.0500, 100.0000,
108.9000

■ 60.5569, 53.3929,
28.4103

■ 56.0410, 46.7822,
19.4413

■ 52.2945, 41.0816,
12.6666

■ 49.2661, 36.2468,
7.8900

■ 46.8970, 32.2290,
4.8794

■ 45.1077, 28.9691,
3.3004

■ 44.9249, 28.6298,
3.1583

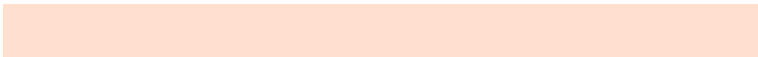
Harmonies

Analogous

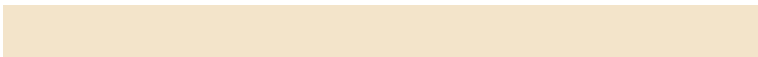
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7277, 79.0763, 77.2550



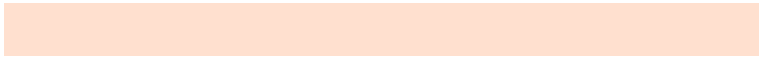
79.1581, 79.0763, 70.1227



75.5811, 79.0763, 67.2514

Triad

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



79.1581, 79.0763, 70.1227



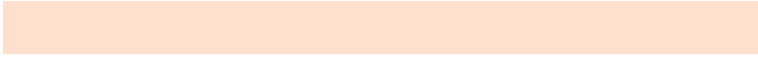
68.2523, 79.0763, 84.9014



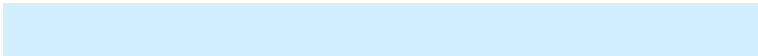
78.4062, 79.0763, 105.7136

Complementary

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



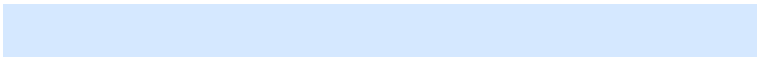
79.1581, 79.0763, 70.1227



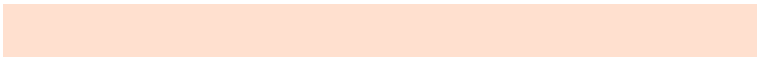
74.3558, 81.6321, 106.4453

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.



74.7397, 79.0763, 108.1788



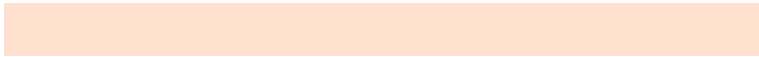
79.1581, 79.0763, 70.1227



68.9533, 79.0763, 95.5970

Square

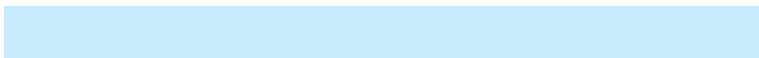
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1581, 79.0763, 70.1227



69.3512, 79.0763, 75.3299



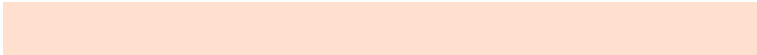
71.2982, 79.0763, 104.3381



81.2837, 79.0763, 97.8521

Rectangle

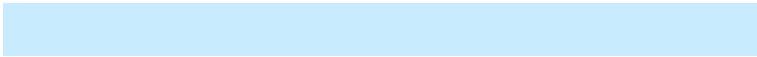
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1581, 79.0763, 70.1227



73.1347, 79.0763, 67.9488



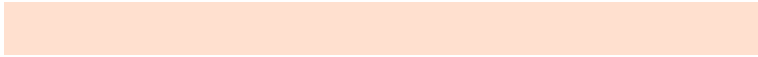
71.2982, 79.0763, 104.3381



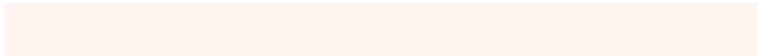
77.2217, 79.0763, 107.2275

Sweetspot

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



79.1600, 79.0798, 70.1244



89.6125, 92.9111, 95.4152



79.0154, 72.0713, 90.7901



19.0586, 19.7268, 20.1224



0.0000, 0.0000, 0.0000



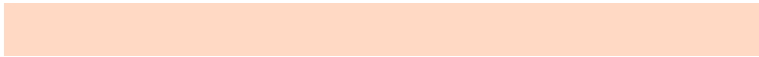
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1600, 79.0798, 70.1244



76.0896, 74.9533, 62.8907



86.0087, 92.7771, 72.4072



18.5358, 19.0399, 18.8424



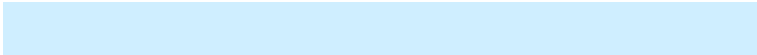
23.6011, 15.2135, 1.6926



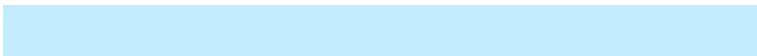
2.3963, 1.6781, 0.1976

Inverse Universe

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



74.3558, 81.6321, 106.4453



70.3921, 77.9748, 105.9483



67.8802, 68.6808, 104.2868



17.9817, 19.3350, 23.0342



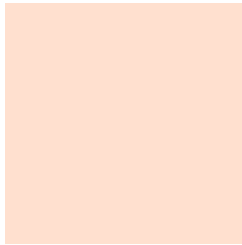
16.5761, 18.0617, 52.0472



1.7170, 1.9646, 5.1020

Previews

White Background



This preview shows how the XYZ color 79.1581, 79.0763, 70.1227 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 79.1581, 79.0763, 70.1227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

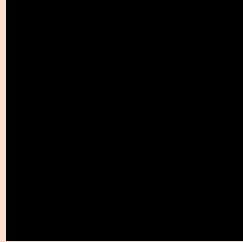
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1581, 79.0763, 70.1227

Background



This preview shows how black text looks on a background with the XYZ color 79.1581, 79.0763, 70.1227.



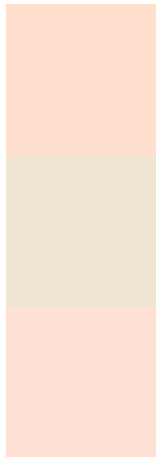
This preview shows how white text looks on a background with the XYZ color 79.1581, 79.0763,

70.1227.

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

79.1581, 79.0763, 70.1227

Protanopia

75.2488, 79.0425, 72.2635

Deuteranopia

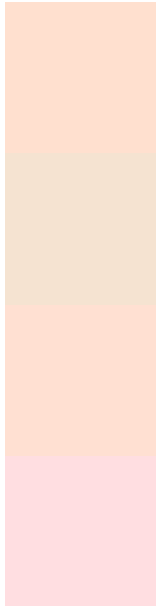
79.7793, 79.3248, 73.3937



Tritanopia

82.2368, 79.0290, 90.2767

Trichromacy



Original Color

79.1581, 79.0763, 70.1227

Protanomaly

76.6339, 78.9541, 71.5222

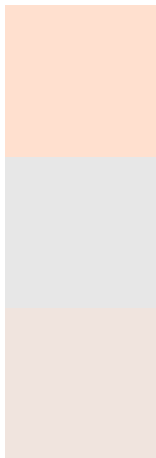
Deuteranomaly

79.5285, 79.2245, 72.0730

Tritanomaly

80.9519, 78.9388, 82.2042

Monochromacy



Original Color

79.1581, 79.0763, 70.1227

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.8634, 79.2860, 80.3598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1581, 79.0763, 70.1227 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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(255, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 207) }
```

Border

The CSS property to change the border of an element to XYZ 79.1581, 79.0763, 70.1227 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, 207) }
```


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

```
.border{ border-color:rgb(255, 224, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1581, 79.0763, 70.1227 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, 207) }
```

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

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