

Converting Colors

XYZ(105.3891, 90.2427,
75.8499)

Have a look what the booklet for
XYZ(105.3891, 90.2427, 75.8499)
contains.

XYZ(78.5771, 76.3091, 74.8776)	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(78.5771, 76.3091,
74.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAD7
RGB	255, 218, 215
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1451, 0.1569
CMYK	0.00, 0.15, 0.16, 0.00
HSL	5°, 100%, 92%
HSV	5°, 16%, 100%
XYZ	78.5771, 76.3091, 74.8776
YIQ	228.7210, 23.0150, 6.9110

Conversions

Conversions Part 2

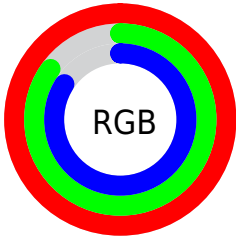
Format	Color
R _Y B	255, 218, 215
Decimal	16767703
CIE Lab	90.00, 12.36, 6.23
CIE LCh	90, 13.843, 26.746
Yxy	76.3091, 0.3420, 0.3321
Android (android.graphics.Color)	4294957783 (0xFFFFDAD7)
YUV	228.7210, -6.7645, 23.0467
Hunter-Lab	87.3551, 7.6918, 10.3273

Details

The XYZ color **78.5771, 76.3091, 74.8776** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8837, 91.2852, 107.9645**, and the grayscale version is **74.3090, 78.1789, 85.1368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7311, 40.7382, 38.8688** is the 20% darker color. If you saturate the color by 10%, you get **69.8656, 63.7275, 57.0483**, and if you desaturate by 10%, it is **88.6732, 90.8420, 95.6899**.

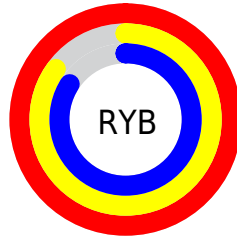
Distribution



Red (100%)

Green (85%)

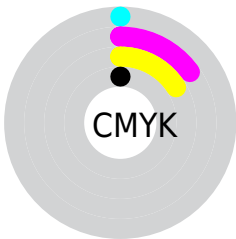
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

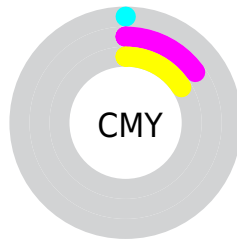


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5771, 76.3091, 74.8776 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 78.5771, 76.3091, 74.8776 by changing the saturation by 10% instead.


 78.5771, 76.3091,
74.8776

 78.5771, 76.3091,
74.8776


478.9344,
482.4051, 496.7409

 58.8526, 56.6860,
55.0115


130.3244,
128.1637, 127.8846

 42.7404, 40.7532,
39.0123


163.0779,
161.1641, 161.8626

 29.8751, 28.1263,
26.4614


200.9051,
199.3923, 201.3815

 19.8914, 18.4209,
16.9403

244.1714,
243.2327, 246.8601

 12.4239, 11.2526,
10.0304

293.2421,
293.0699, 298.7168

 7.1073, 6.2370,
5.3132

348.4826,

 3.5762, 2.9897,

349.2881, 357.3701

2.3703

410.2583,
412.2717, 423.2387

■ 1.4653, 1.1264,
0.7702

■ 0.3021, 0.0003,
0.0000

■ 78.5771, 76.3091,
74.8776

■ 78.5771, 76.3091,
74.8776

■ 69.8656, 63.7275,
57.0483

■ 88.6732, 90.8420,
95.6899

■ 62.4732, 53.0048,
42.0609

95.0500, 100.0000,
108.9000

■ 56.3369, 44.0557,
29.7699

■ 51.3869, 36.7846,
20.0150

■ 47.5461, 31.0868,
12.6190

■ 44.7285, 26.8458,
7.3819

■ 42.8354, 23.9289,
4.0706

■ 41.7479, 22.1792,
2.3973

■ 41.4755, 21.7310,
2.0085

Harmonies

Analogous

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



79.3121, 76.3091, 84.1640



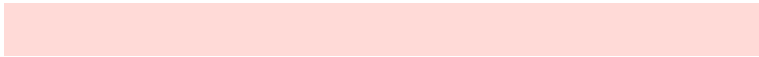
78.5771, 76.3091, 74.8776



76.2047, 76.3091, 68.2786

Triad

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



78.5771, 76.3091, 74.8776



67.1553, 76.3091, 73.1590



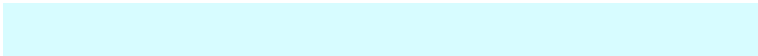
72.1559, 76.3091, 103.3979

Complementary

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



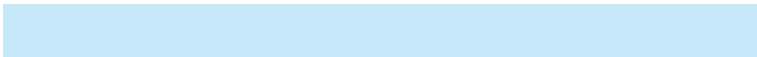
78.5771, 76.3091, 74.8776



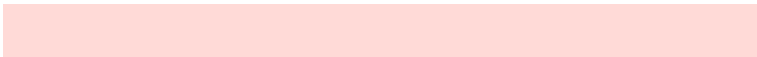
80.8837, 91.2852, 107.9645

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.



68.9744, 76.3091, 99.8966



78.5771, 76.3091, 74.8776



66.1450, 76.3091, 82.0205

Square

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



78.5771, 76.3091, 74.8776



69.6031, 76.3091, 67.3427



66.8005, 76.3091, 91.8769



75.5368, 76.3091, 101.1133

Rectangle

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



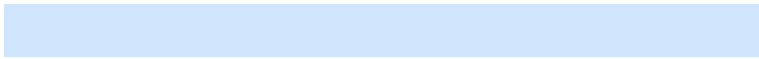
78.5771, 76.3091, 74.8776



74.0514, 76.3091, 66.0326



66.8005, 76.3091, 91.8769



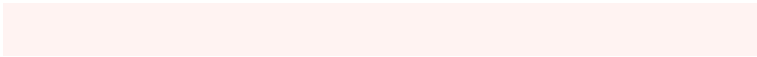
71.0286, 76.3091, 102.8523

Sweetspot

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



78.5789, 76.3124, 74.8792



89.4174, 91.9115, 97.2293



83.1644, 76.9111, 102.8348



18.9758, 19.4383, 20.4734



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

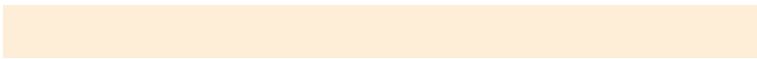
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5789, 76.3124, 74.8792



75.5410, 71.9299, 68.6459



83.9837, 87.1219, 76.6808



18.1190, 18.2061, 18.7035



21.7108, 11.4328, 1.0625



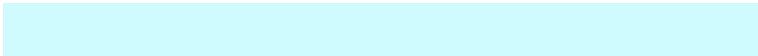
2.1501, 1.1856, 0.1155

Inverse Universe

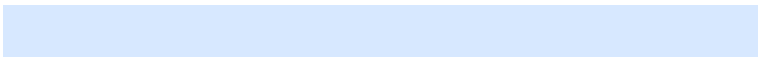
The Inverse Universe completely reimagines the original color for something new.



80.8837, 91.2852, 107.9645



78.2665, 89.6404, 107.7850



75.0255, 79.5688, 106.0118



18.4312, 20.2340, 23.1841



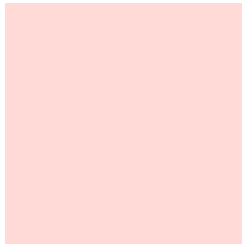
25.1306, 35.1708, 54.8987



2.4803, 3.4913, 5.3564

Previews

White Background



This preview shows how the XYZ color 78.5771, 76.3091, 74.8776 looks on a white background.

Color Contrast Check

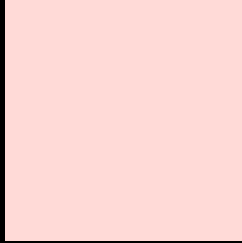
Large Text (above 18pt) WCAG AA × Fail

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 78.5771, 76.3091, 74.8776 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 78.5771, 76.3091, 74.8776

Background



This preview shows how black text looks on a background with the XYZ color 78.5771, 76.3091, 74.8776.



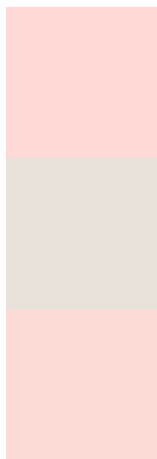
This preview shows how white text looks on a background with the XYZ color 78.5771, 76.3091,

74.8776.

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

78.5771, 76.3091, 74.8776

Protanopia

73.2613, 76.6630, 77.9540

Deuteranopia

78.1053, 76.4520, 74.9301



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

78.5771, 76.3091, 74.8776

Protanomaly

74.9777, 76.3626, 77.1174

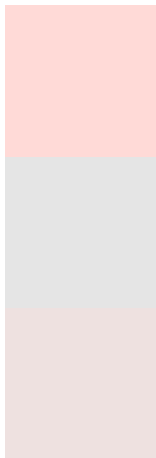
Deuteranomaly

78.4703, 76.6402, 74.9472

Tritanomaly

79.7803, 76.3767, 82.4888

Monochromacy



Original Color

78.5771, 76.3091, 74.8776

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6397, 77.4094, 81.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5771, 76.3091, 74.8776 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, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 215)  
}
```

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, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.5771, 76.3091, 74.8776 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, 218, 215) }
```


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

```
.border{ border-color:rgb(255, 218, 215) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5771, 76.3091, 74.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 215) }
```

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

```
.background{ background-color: rgb(255,  
218, 215) }
```

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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