

Converting Colors

XYZ(78.8136, 76.9460, 74.4505)

Have a look what the booklet for
XYZ(78.8136, 76.9460, 74.4505)
contains.

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Color

**XYZ(78.7091, 76.7781,
74.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBD6
RGB	255, 219, 214
RGB Percent	100%, 86%, 84%
CMY	0.0000, 0.1412, 0.1608
CMYK	0.00, 0.14, 0.16, 0.00
HSL	7°, 100%, 92%
HSV	7°, 16%, 100%
XYZ	78.7091, 76.7781, 74.2896
YIQ	229.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

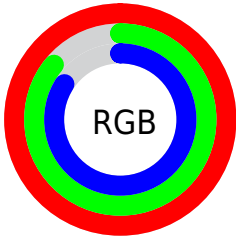
Format	Color
R _Y B	255, 220, 214
Decimal	16767958
CIE Lab	90.22, 11.69, 7.07
CIE LCh	90, 13.660, 31.153
Yxy	76.7781, 0.3425, 0.3341
Android (android.graphics.Color)	4294958038 (0xFFFFDBD6)
YUV	229.1940, -7.4906, 22.6319
Hunter-Lab	87.6231, 7.0005, 11.0683

Details

The XYZ color **78.7091, 76.7781, 74.2896** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9662, 89.8847, 107.7426**, and the grayscale version is **74.6621, 78.5504, 85.5413**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8222, 41.0599, 38.4693** is the 20% darker color. If you saturate the color by 10%, you get **70.2511, 64.6722, 56.6413**, and if you desaturate by 10%, it is **88.4661, 90.6655, 94.8880**.

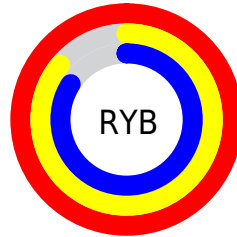
Distribution



Red (100%)

Green (86%)

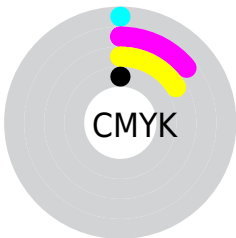
Blue (84%)



Red (100%)

Yellow (86%)

Blue (84%)

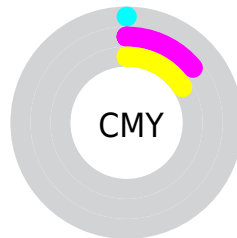


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7091, 76.7781, 74.2896 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 78.7091, 76.7781, 74.2896 by changing the saturation by 10% instead.


 78.7091, 76.7781,
74.2896

 78.7091, 76.7781,
74.2896


479.3747,
484.0071, 494.6624

 58.9615, 57.0708,
54.5329

130.5093,
128.8262, 127.0441

 42.8284, 41.0621,
38.6318


163.2927,
161.9358, 160.8789

 29.9444, 28.3676,
26.1678


201.1519,
200.2815, 200.2435

 19.9443, 18.6029,
16.7223

244.4525,
244.2479, 245.5565

 12.4626, 11.3837,
9.8768

293.5597,
294.2192, 297.2363

 7.1340, 6.3256,
5.2128

348.8389,

 3.5931, 3.0440,

350.5799, 355.7015

2.3118

410.6555,
413.7144, 421.3707

■ 1.4746, 1.1548,
0.7378

■ 0.3085, 0.0243,
0.0000

■ 78.7091, 76.7781,
74.2896

■ 78.7091, 76.7781,
74.2896

■ 70.2511, 64.6722,
56.6413

■ 88.4661, 90.6655,
94.8880

■ 63.0319, 54.2661,
41.8034

95.0500, 100.0000,
108.9000

■ 56.9944, 45.4866,
29.6319

■ 52.0753, 38.2511,
19.9682

■ 48.2050, 32.4700,
12.6371

■ 45.3059, 28.0441,
7.4403

■ 43.2896, 24.8618,
4.1466

■ 42.0505, 22.7933,
2.4704

■ 41.7333, 22.2466,
2.0944

Harmonies

Analogous

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



79.7025, 76.7781, 83.2226



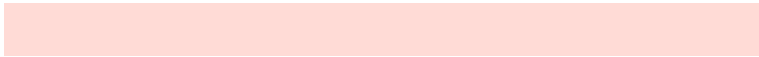
78.7091, 76.7781, 74.2896



76.1723, 76.7781, 68.2602

Triad

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



78.7091, 76.7781, 74.2896



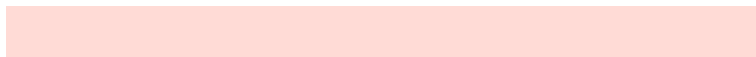
67.4022, 76.7781, 74.8937



73.1068, 76.7781, 103.7306

Complementary

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



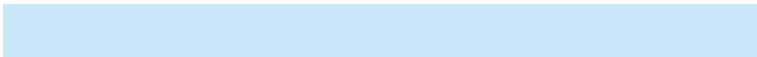
78.7091, 76.7781, 74.2896



79.9662, 89.8847, 107.7426

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.



69.8690, 76.7781, 101.0774



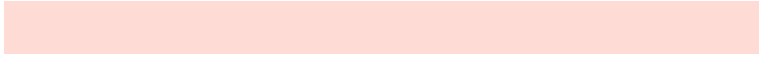
78.7091, 76.7781, 74.2896



66.6377, 76.7781, 83.9752

Square

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



78.7091, 76.7781, 74.2896



69.6481, 76.7781, 68.5895



67.5269, 76.7781, 93.6538



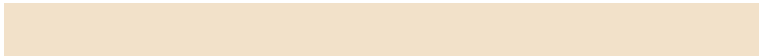
76.4067, 76.7781, 100.6509

Rectangle

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



78.7091, 76.7781, 74.2896



73.9845, 76.7781, 66.4431



67.5269, 76.7781, 93.6538



71.9753, 76.7781, 103.4781

Sweetspot

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



78.7110, 76.7814, 74.2912



89.5970, 92.2707, 97.2892



82.5763, 76.2697, 100.9901



19.0193, 19.5252, 20.4879



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

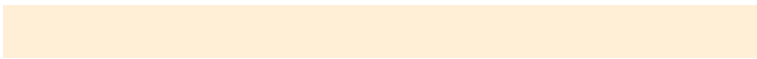
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7110, 76.7814, 74.2912



76.1072, 73.0624, 68.8346



84.3275, 88.0145, 76.1634



18.1880, 18.3441, 18.7265



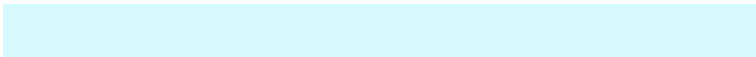
21.8621, 11.7354, 1.1129



2.1826, 1.2506, 0.1263

Inverse Universe

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



79.9662, 89.8847, 107.7426



77.5588, 88.2251, 107.5491



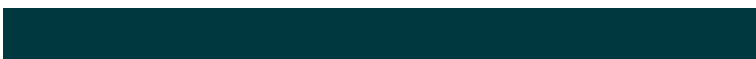
74.0003, 77.9530, 105.7539



18.3545, 20.0806, 23.1585



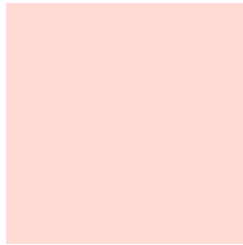
23.4165, 31.7426, 54.3273



2.3309, 3.1926, 5.3066

Previews

White Background



This preview shows how the XYZ color 78.7091, 76.7781, 74.2896 looks on a white background.

Color Contrast Check

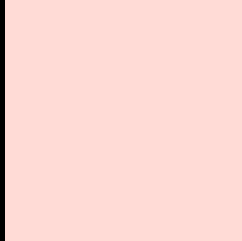
Large Text (above 18pt) WCAG AA × Fail

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 78.7091, 76.7781, 74.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

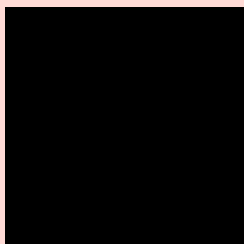
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7091, 76.7781, 74.2896

Background



This preview shows how black text looks on a background with the XYZ color 78.7091, 76.7781, 74.2896.



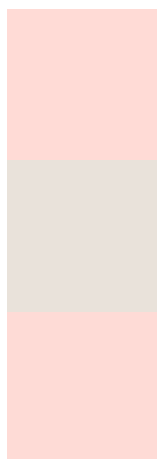
This preview shows how white text looks on a background with the XYZ color 78.7091, 76.7781,

74.2896.

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

78.7091, 76.7781, 74.2896

Protanopia

73.4555, 76.7783, 77.2778

Deuteranopia

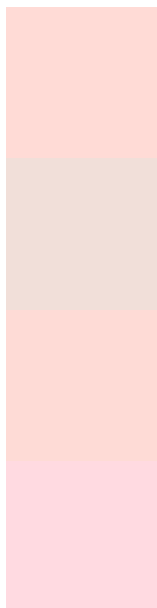
78.3422, 76.5889, 74.2724



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

78.7091, 76.7781, 74.2896

Protanomaly

75.1877, 76.4859, 76.4461

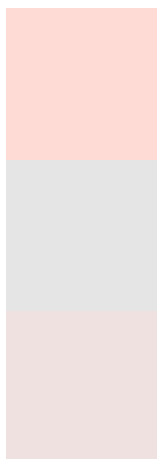
Deuteranomaly

78.3422, 76.5889, 74.2724

Tritanomaly

79.9020, 76.8391, 81.8543

Monochromacy



Original Color

78.7091, 76.7781, 74.2896

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 78.7091, 76.7781, 74.2896 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, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 214)  
}
```

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, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.7091, 76.7781, 74.2896 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, 219, 214) }
```


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

```
.border{ border-color:rgb(255, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7091, 76.7781, 74.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 214) }
```

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

```
.background{ background-color: rgb(255,  
219, 214) }
```

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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