

Converting Colors

XYZ(80.0872, 76.5389, 75.1221)

Have a look what the booklet for
XYZ(80.0872, 76.5389, 75.1221)
contains.

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Color

**XYZ(78.3186, 75.7920,
74.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D7
RGB	255, 217, 215
RGB Percent	100%, 85%, 84%
CMY	0.0000, 0.1490, 0.1569
CMYK	0.00, 0.15, 0.16, 0.00
HSL	3°, 100%, 92%
HSV	3°, 16%, 100%
XYZ	78.3186, 75.7920, 74.7915
YIQ	228.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

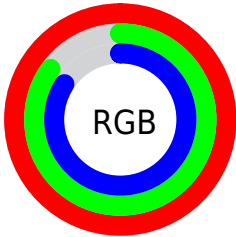
Format	Color
R _Y B	255, 217, 215
Decimal	16767447
CIE Lab	89.76, 12.88, 5.88
CIE LCh	90, 14.161, 24.549
Yxy	75.7920, 0.3421, 0.3311
Android (android.graphics.Color)	4294957527 (0xFFFFD9D7)
YUV	228.1340, -6.4751, 23.5615
Hunter-Lab	87.0586, 8.2274, 10.0054

Details

The XYZ color **78.3186, 75.7920, 74.7915** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1987, 91.9150, 108.0695**, and the grayscale version is **73.8764, 77.7237, 84.6411**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5542, 40.3845, 38.8098** is the 20% darker color. If you saturate the color by 10%, you get **69.5021, 63.0005, 56.9272**, and if you desaturate by 10%, it is **88.5657, 90.6269, 95.6541**.

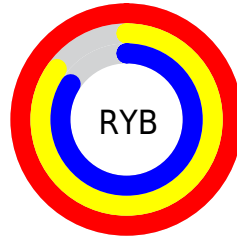
Distribution



Red (100%)

Green (85%)

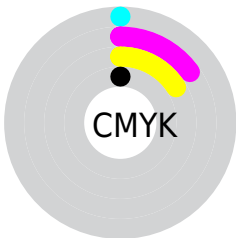
Blue (84%)



Red (100%)

Yellow (85%)

Blue (84%)

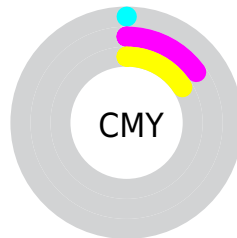


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3186, 75.7920, 74.7915 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 78.3186, 75.7920, 74.7915 by changing the saturation by 10% instead.


 78.3186, 75.7920,
74.7915

 78.3186, 75.7920,
74.7915

478.0714,
480.6354, 496.4369

 58.6394, 56.2620,
54.9414


129.9621,
127.4328, 127.7616

 42.5682, 40.4130,
38.9565


162.6572,
160.3124, 161.7186

 29.7395, 27.8607,
26.4183


200.4217,
198.4107, 201.2150

 19.7880, 18.2207,
16.9083

243.6208,
242.1120, 246.6694

 12.3484, 11.1085,
10.0079

292.6200,
291.8007, 298.5002

 7.0553, 6.1399,
5.2985

347.7846,

 3.5434, 2.9303,

347.8612, 357.1260

2.3617

409.4799,
410.6780, 422.9654

■ 1.4472, 1.0955,
0.7655

■ 0.2895, 0.0000,
0.0000

■ 78.3186, 75.7920,
74.7915

■ 78.3186, 75.7920,
74.7915

■ 69.5021, 63.0005,
56.9272

■ 88.5657, 90.6269,
95.6541

■ 62.0476, 52.1536,
41.9191

95.0500, 100.0000,
108.9000

■ 55.8887, 43.1592,
29.6205

■ 50.9514, 35.9136,
19.8698

■ 47.1542, 30.3031,
12.4884

■ 44.4059, 26.2005,
7.2744

■ 42.6008, 23.4598,
3.9924

■ 41.6114, 21.9061,
2.3518

■ 41.3811, 21.5422,
1.9770

Harmonies

Analogous

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



78.9297, 75.7920, 84.3644



78.3186, 75.7920, 74.7915



76.0023, 75.7920, 67.8325

Triad

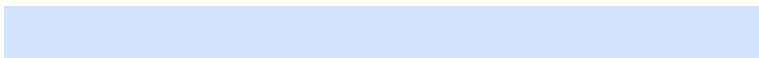
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3186, 75.7920, 74.7915



66.7065, 75.7920, 71.8681



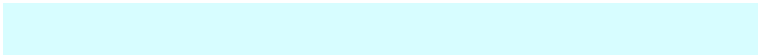
71.4022, 75.7920, 103.1817

Complementary

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



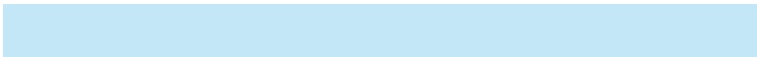
78.3186, 75.7920, 74.7915



81.1987, 91.9150, 108.0695

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.



68.2140, 75.7920, 99.1983



78.3186, 75.7920, 74.7915



65.5596, 75.7920, 80.7118

Square

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



78.3186, 75.7920, 74.7915



69.2847, 75.7920, 66.2426



66.1025, 75.7920, 90.7732



74.8634, 75.7920, 101.2774

Rectangle

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



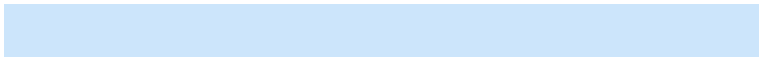
78.3186, 75.7920, 74.7915



73.8413, 75.7920, 65.3457



66.1025, 75.7920, 90.7732



70.2643, 75.7920, 102.4778

Sweetspot

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



78.3204, 75.7952, 74.7931



89.3220, 91.7206, 97.1975



83.2705, 76.9536, 103.3933



18.9527, 19.3921, 20.4657



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

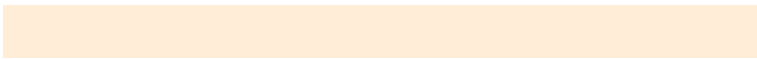
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3204, 75.7952, 74.7931



75.2426, 71.3332, 68.5464



83.7903, 86.7352, 76.6164



18.0824, 18.1329, 18.6913



21.6528, 11.3169, 1.0431



2.1328, 1.1510, 0.1097

Inverse Universe

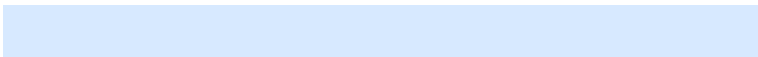
The Inverse Universe completely reimagines the original color for something new.



81.1987, 91.9150, 108.0695



78.6469, 90.4013, 107.9118



75.2140, 79.9456, 106.0746



18.4723, 20.3162, 23.1978



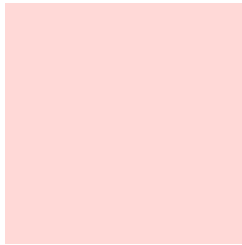
26.0910, 37.0917, 55.2189



2.5634, 3.6575, 5.3841

Previews

White Background



This preview shows how the XYZ color 78.3186, 75.7920, 74.7915 looks on a white background.

Color Contrast Check

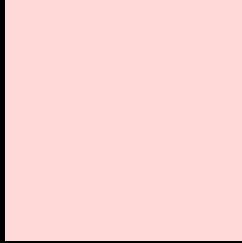
Large Text (above 18pt) WCAG AA × Fail

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 78.3186, 75.7920, 74.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

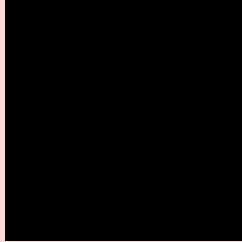
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

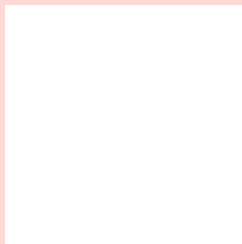
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3186, 75.7920, 74.7915

Background



This preview shows how black text looks on a background with the XYZ color 78.3186, 75.7920, 74.7915.



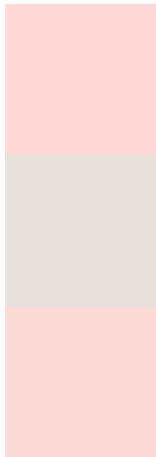
This preview shows how white text looks on a background with the XYZ color 78.3186, 75.7920,

74.7915.

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

78.3186, 75.7920, 74.7915

Protanopia

72.6664, 75.9538, 77.8485

Deuteranopia

77.4820, 75.7446, 74.8264



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

78.3186, 75.7920, 74.7915

Protanomaly

74.7113, 75.8298, 77.0286

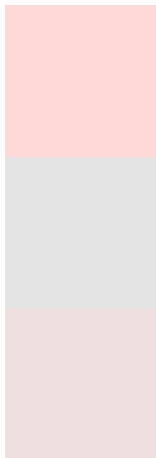
Deuteranomaly

77.8452, 75.9318, 74.8434

Tritanomaly

79.3865, 75.8080, 81.6824

Monochromacy



Original Color

78.3186, 75.7920, 74.7915

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.2348, 76.8162, 80.6737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3186, 75.7920, 74.7915 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, 217, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.3186, 75.7920, 74.7915 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, 217, 215) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3186, 75.7920, 74.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 215) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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