

Converting Colors

XYZ(77.9911, 75.8190, 72.5801)

Have a look what the booklet for
XYZ(77.9911, 75.8190, 72.5801)
contains.

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Color

**XYZ(77.9365, 75.6392,
72.7795)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D4
RGB	255, 217, 212
RGB Percent	100%, 85%, 83%
CMY	0.0000, 0.1490, 0.1686
CMYK	0.00, 0.15, 0.17, 0.00
HSL	7°, 100%, 92%
HSV	7°, 17%, 100%
XYZ	77.9365, 75.6392, 72.7795
YIQ	227.7920, 24.2530, 6.5010

Conversions

Conversions Part 2

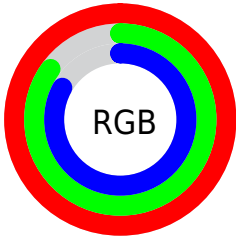
Format	Color
R _Y B	255, 218, 212
Decimal	16767444
CIE Lab	89.69, 12.42, 7.36
CIE LCh	90, 14.439, 30.635
Yxy	75.6392, 0.3443, 0.3342
Android (android.graphics.Color)	4294957524 (0xFFFFD9D4)
YUV	227.7920, -7.7855, 23.8614
Hunter-Lab	86.9708, 7.7590, 11.2641

Details

The XYZ color **77.9365, 75.6392, 72.7795** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3860, 89.5856, 107.7154**, and the grayscale version is **73.6351, 77.4698, 84.3647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2948, 40.2807, 37.4441** is the 20% darker color. If you saturate the color by 10%, you get **69.5539, 63.6216, 55.3487**, and if you desaturate by 10%, it is **87.6238, 89.4524, 93.1533**.

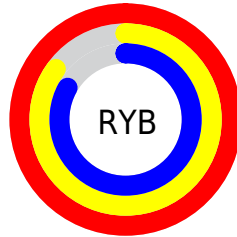
Distribution



Red (100%)

Green (85%)

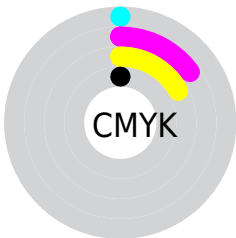
Blue (83%)



Red (100%)

Yellow (85%)

Blue (83%)

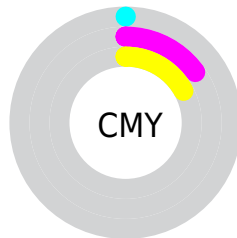


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9365, 75.6392, 72.7795 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 77.9365, 75.6392, 72.7795 by changing the saturation by 10% instead.

 77.9365, 75.6392,
72.7795

 77.9365, 75.6392,
72.7795


476.7943,
480.1117, 489.3005

 58.3244, 56.1367,
53.3050


129.4264,
127.2168, 124.8821

 42.3138, 40.3125,
37.6569


162.0350,
160.0606, 158.3473

 29.5393, 27.7823,
25.4167


199.7065,
198.1204, 197.3131

 19.6355, 18.1616,
16.1660

242.8061,
241.7805, 242.1981

 12.2371, 11.0661,
9.4860

291.6994,
291.4252, 293.4208

 6.9787, 6.1113,
4.9584

346.7516,

 3.4950, 2.9129,

347.4391, 351.3997

2.1646

408.3281,
410.2065, 416.5535

■ 1.4206, 1.0864,
0.6538

■ 0.2708, 0.0000,
0.0000

■ 77.9365, 75.6392,
72.7795

■ 77.9365, 75.6392,
72.7795

■ 69.5539, 63.6216,
55.3487

■ 87.6238, 89.4524,
93.1533

■ 62.4147, 53.3163,
40.7204

95.0500, 100.0000,
108.9000

■ 56.4611, 44.6484,
28.7494

■ 51.6282, 37.5331,
19.2758

■ 47.8452, 31.8785,
12.1223

■ 45.0328, 27.5824,
7.0883

■ 43.1001, 24.5297,
3.9390

■ 41.9377, 22.5852,
2.3788

■ 41.6962, 22.1724,
2.0821

Harmonies

Analogous

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



78.9472, 75.6392, 82.1414



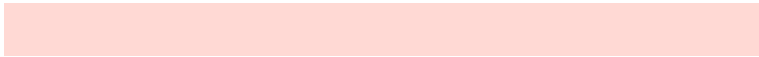
77.9365, 75.6392, 72.7795



75.2973, 75.6392, 66.4472

Triad

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



77.9365, 75.6392, 72.7795



66.0982, 75.6392, 73.1261



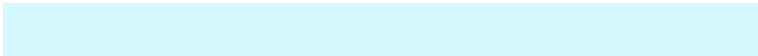
71.9686, 75.6392, 103.5267

Complementary

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



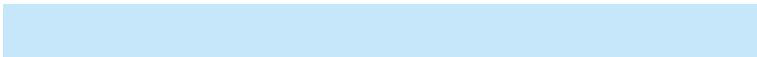
77.9365, 75.6392, 72.7795



79.3860, 89.5856, 107.7154

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.



68.5925, 75.6392, 100.6258



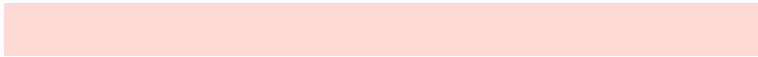
77.9365, 75.6392, 72.7795



65.2716, 75.6392, 82.5754

Square

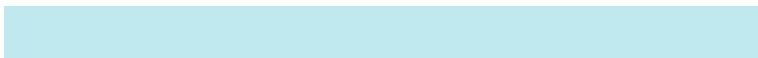
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9365, 75.6392, 72.7795



68.4654, 75.6392, 66.6354



66.1699, 75.6392, 92.7426



75.4327, 75.6392, 100.3780

Rectangle

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



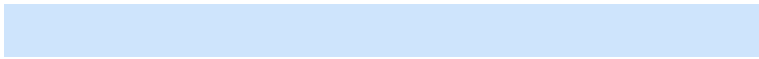
77.9365, 75.6392, 72.7795



73.0109, 75.6392, 64.5124



66.1699, 75.6392, 92.7426



70.7862, 75.6392, 103.2245

Sweetspot

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



77.9383, 75.6425, 72.7811



89.5753, 92.2272, 97.2819



82.1492, 75.2939, 101.2226



19.0140, 19.5147, 20.4862



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

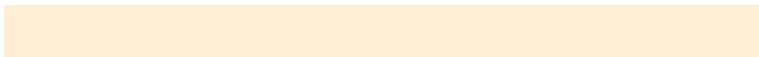
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9383, 75.6425, 72.7811



75.1699, 71.6812, 67.0007



83.6404, 87.0466, 74.6818



18.1796, 18.3274, 18.7237



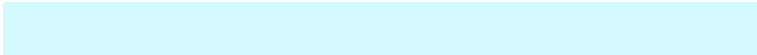
21.8407, 11.6926, 1.1058



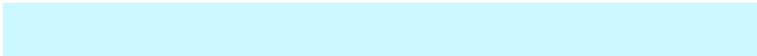
2.1787, 1.2427, 0.1250

Inverse Universe

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



79.3860, 89.5856, 107.7154



76.8473, 87.8483, 107.5139



73.2768, 77.3672, 105.6790



18.3637, 20.0991, 23.1616



23.6176, 32.1448, 54.3944



2.3485, 3.2278, 5.3125

Previews

White Background



This preview shows how the XYZ color 77.9365, 75.6392, 72.7795 looks on a white background.

Color Contrast Check

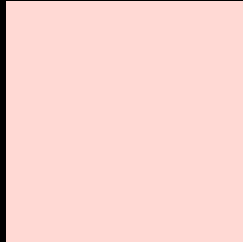
Large Text (above 18pt) WCAG AA × Fail

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 77.9365, 75.6392, 72.7795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

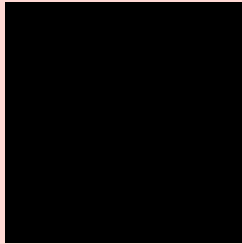
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9365, 75.6392, 72.7795

Background



This preview shows how black text looks on a background with the XYZ color 77.9365, 75.6392, 72.7795.

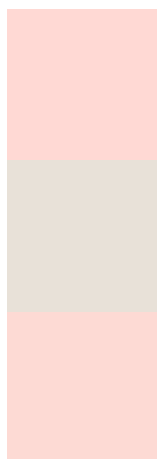


This preview shows how white text looks on a background with the XYZ color 77.9365, 75.6392,

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

77.9365, 75.6392, 72.7795

Protanopia

72.5986, 75.9641, 75.8019

Deuteranopia

77.4631, 75.7789, 72.8314



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

77.9365, 75.6392, 72.7795

Protanomaly

74.3222, 75.6741, 74.9793

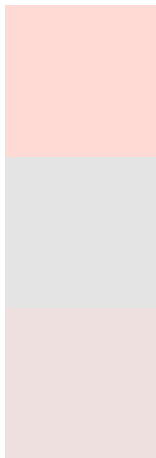
Deuteranomaly

77.8281, 75.9671, 72.8485

Tritanomaly

79.1151, 75.6994, 80.2537

Monochromacy



Original Color

77.9365, 75.6392, 72.7795

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.1004, 76.7624, 79.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9365, 75.6392, 72.7795 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, 212) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 212) }
```

Border

The CSS property to change the border of an element to XYZ 77.9365, 75.6392, 72.7795 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, 212) }
```


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

```
.border{ border-color:rgb(255, 217, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9365, 75.6392, 72.7795 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
217, 212) }
```

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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