

Converting Colors

XYZ(78.5812, 75.9005, 76.1636)

Have a look what the booklet for
XYZ(78.5812, 75.9005, 76.1636)
contains.

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Color

**XYZ(78.5772, 75.8955,
76.1535)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD9D9 |
| RGB | 255, 217, 217 |
| RGB Percent | 100%, 85%, 85% |
| CMY | 0.0000, 0.1490, 0.1490 |
| CMYK | 0.00, 0.15, 0.15, 0.00 |
| HSL | 0°, 100%, 93% |
| HSV | 0°, 15%, 100% |
| XYZ | 78.5772, 75.8955, 76.1535 |
| YIQ | 228.3620, 22.6480, 8.0560 |

Conversions

Conversions Part 2

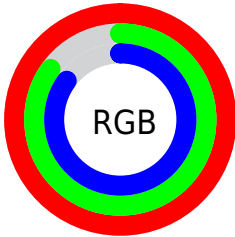
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 217, 217 |
| Decimal | 16767449 |
| CIE Lab | 89.81, 13.19, 4.90 |
| CIE LCh | 90, 14.070, 20.388 |
| Yxy | 75.8955, 0.3407, 0.3291 |
| Android (android.graphics.Color) | 4294957529 (0xFFFFD9D9) |
| YUV | 228.3620, -5.6015, 23.3615 |
| Hunter-Lab | 87.1180, 8.5438, 9.1548 |

Details

The XYZ color **78.5772, 75.8955, 76.1535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.4242, 93.4890, 108.3087**, and the grayscale version is **74.0376, 77.8933, 84.8258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7306, 40.4551, 39.7389** is the 20% darker color. If you saturate the color by 10%, you get **69.4414, 62.5279, 57.9893**, and if you desaturate by 10%, it is **89.2446, 91.5052, 97.3585**.

Distribution



Red (100%)

Green (85%)

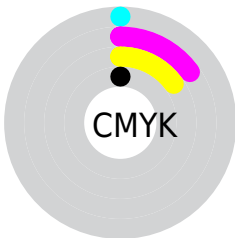
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

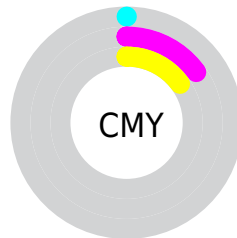


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5772, 75.8955, 76.1535 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 78.5772, 75.8955, 76.1535 by changing the saturation by 10% instead.


 78.5772, 75.8955,
76.1535

 78.5772, 75.8955,
76.1535


478.9347,
480.9899, 501.2338

 58.8527, 56.3468,
56.0510


130.3245,
127.5792, 129.7059

 42.7405, 40.4811,
39.8395


163.0781,
160.4830, 163.9929

 29.8752, 27.9138,
27.1006


200.9053,
198.6073, 203.8452

 19.8915, 18.2607,
17.4157

244.1716,
242.3364, 249.6812

 12.4240, 11.1373,
10.3662

293.2424,
292.0549, 301.9195

 7.1074, 6.1593,
5.5337

348.4829,

 3.5763, 2.9422,

348.1470, 360.9787

2.4995

410.2586,
410.9972, 427.2773

■ 1.4653, 1.1016,
0.8399

■ 0.3021, 0.0000,
0.0000

■ 78.5772, 75.8955,
76.1535

■ 78.5772, 75.8955,
76.1535

■ 69.4414, 62.5279,
57.9893

■ 89.2446, 91.5052,
97.3585

■ 61.7616, 51.2902,
42.7220

95.0500, 100.0000,
108.9000

■ 55.4643, 42.0755,
30.2034

■ 50.4675, 34.7636,
20.2703

■ 46.6803, 29.2217,
12.7420

■ 44.0003, 25.2998,
7.4150

■ 42.3081, 22.8235,
4.0519

■ 41.4570, 21.5777,
2.3607

■ 41.2403, 21.2607,
1.9301

Harmonies

Analogous

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



78.9213, 75.8955, 85.8712



78.5772, 75.8955, 76.1535



76.4774, 75.8955, 68.7651

Triad

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



78.5772, 75.8955, 76.1535



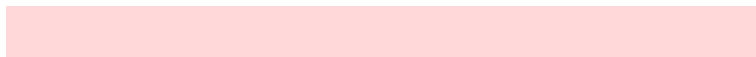
67.1143, 75.8955, 71.0360



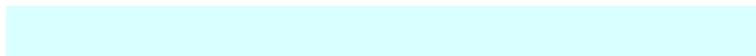
71.0274, 75.8955, 102.9593

Complementary

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



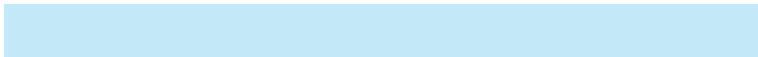
78.5772, 75.8955, 76.1535



82.4242, 93.4890, 108.3087

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.



67.9629, 75.8955, 98.2599



78.5772, 75.8955, 76.1535



65.7520, 75.8955, 79.4856

Square

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



78.5772, 75.8955, 76.1535



69.8354, 75.8955, 65.9791



66.0575, 75.8955, 89.4791



74.4874, 75.8955, 101.8869

Rectangle

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



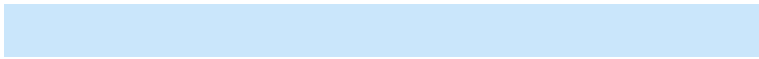
78.5772, 75.8955, 76.1535



74.4006, 75.8955, 65.9029



66.0575, 75.8955, 89.4791



69.9186, 75.8955, 101.9888

Sweetspot

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



78.5791, 75.8988, 76.1551



90.2832, 93.0250, 99.4234



84.1033, 78.1065, 105.2511



19.1386, 19.6394, 20.9114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

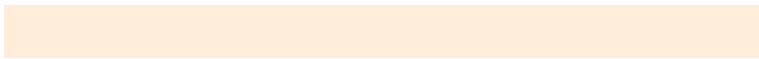
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5791, 75.8988, 76.1551



75.5874, 71.5212, 70.2076



83.7603, 86.2612, 77.8822



18.0096, 17.9875, 18.6670



21.5490, 11.1093, 1.0086



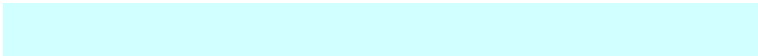
2.0982, 1.0818, 0.0982

Inverse Universe

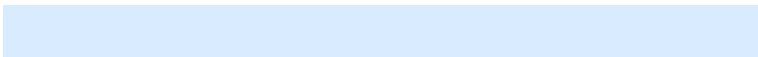
The Inverse Universe completely reimagines the original color for something new.



82.4242, 93.4890, 108.3087



80.1310, 92.3063, 108.2013



76.6614, 81.9633, 106.3878



18.5547, 20.4811, 23.2253



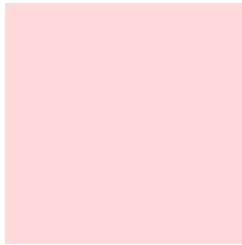
28.1117, 41.1330, 55.8924



2.7372, 4.0051, 5.4421

Previews

White Background



This preview shows how the XYZ color 78.5772, 75.8955, 76.1535 looks on a white background.

Color Contrast Check

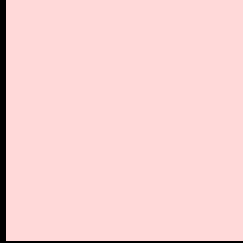
Large Text (above 18pt) WCAG AA × Fail

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 78.5772, 75.8955, 76.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

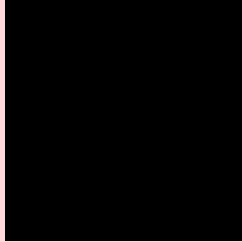
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5772, 75.8955, 76.1535

Background



This preview shows how black text looks on a background with the XYZ color 78.5772, 75.8955, 76.1535.



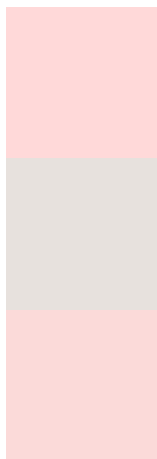
This preview shows how white text looks on a background with the XYZ color 78.5772, 75.8955,

76.1535.

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

78.5772, 75.8955, 76.1535

Protanopia

72.9314, 76.0598, 79.2437

Deuteranopia

77.3794, 75.6618, 76.1715



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

78.5772, 75.8955, 76.1535

Protanomaly

74.9747, 75.9351, 78.4155

Deuteranomaly

77.7407, 75.8480, 76.1884

Tritanomaly

79.5233, 75.8627, 82.4031

Monochromacy



Original Color

78.5772, 75.8955, 76.1535

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3701, 76.8703, 81.3860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5772, 75.8955, 76.1535 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, 217)` looks like.

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

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, 217) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 78.5772, 75.8955, 76.1535 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, 217) }
```


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

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

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, 217) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 78.5772, 75.8955, 76.1535 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, 217) }
```

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

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

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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