

Converting Colors

XYZ(77.5108, 75.1541, 80.5069)

Have a look what the booklet for
XYZ(77.5108, 75.1541, 80.5069)
contains.

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Color

**XYZ(77.5565, 75.2774,
80.2544)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD9DF
RGB	250, 217, 223
RGB Percent	98%, 85%, 87%
CMY	0.0196, 0.1490, 0.1255
CMYK	0.00, 0.13, 0.11, 0.02
HSL	349°, 77%, 92%
HSV	349°, 13%, 98%
XYZ	77.5565, 75.2774, 80.2544
YIQ	227.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

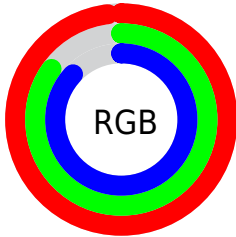
Format	Color
R _Y B	250, 217, 223
Decimal	16439775
CIE Lab	89.52, 12.39, 1.27
CIE LCh	90, 12.455, 5.871
Yxy	75.2774, 0.3327, 0.3230
Android (android.graphics.Color)	4294629855 (0xFFFAD9DF)
YUV	227.5510, -2.2436, 19.6878
Hunter-Lab	86.7625, 7.7256, 5.8912

Details

The XYZ color **77.5565, 75.2774, 80.2544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1329, 89.6565, 98.7270**, and the grayscale version is **73.4235, 77.2472, 84.1222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9805, 40.0053, 42.5550** is the 20% darker color. If you saturate the color by 10%, you get **69.0009, 62.3161, 64.6071**, and if you desaturate by 10%, it is **87.4257, 90.3309, 97.9855**.

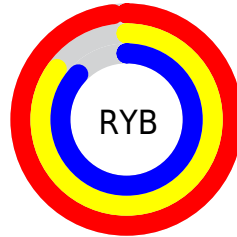
Distribution



Red (98%)

Green (85%)

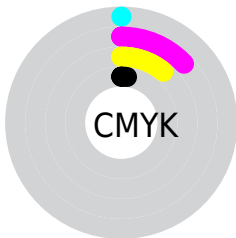
Blue (87%)



Red (98%)

Yellow (85%)

Blue (87%)

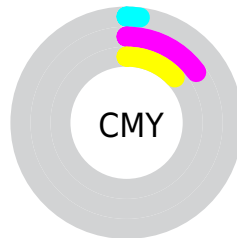


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5565, 75.2774, 80.2544 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 77.5565, 75.2774, 80.2544 by changing the saturation by 10% instead.


 77.5565, 75.2774,
80.2544

 77.5565, 75.2774,
80.2544


475.5222,
478.8705, 515.5191

 58.0112, 55.8402,
59.4003


128.8934,
126.7050, 135.5380

 42.0610, 40.0748,
42.5133


161.4158,
159.4641, 170.8046

 29.3404, 27.5969,
29.1749


198.9946,
197.4326, 211.7124

 19.4840, 18.0220,
18.9664

241.9951,
240.9950, 258.6800

 12.1266, 10.9658,
11.4695

290.7828,
290.5356, 312.1259

 6.9028, 6.0438,
6.2654

345.7230,

 3.4472, 2.8717,

346.4387, 372.4687

2.9357

407.1810,
409.0889, 440.1270

■ 1.3944, 1.0651,
1.0619

■ 0.2522, 0.0000,
0.0000

■ 77.5565, 75.2774,
80.2544

■ 77.5565, 75.2774,
80.2544

■ 69.0009, 62.3161,
64.6071

■ 87.4257, 90.3309,
97.9855

■ 61.6970, 51.3447,
50.9619

■ 93.2348, 99.0642,
108.8150

■ 55.5873, 42.2673,
39.2388

■ 50.6072, 34.9763,
29.3505

■ 46.6861, 29.3529,
21.2028

■ 43.7450, 25.2642,
14.6930

■ 41.6935, 22.5567,
9.7073

■ 40.4236, 21.0446,
6.1160

■ 39.9067, 20.5170,
4.3830

Harmonies

Analogous

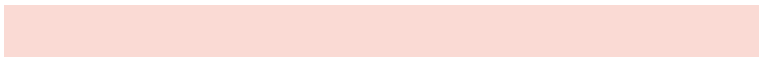
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0482, 75.2774, 89.0399



77.5565, 75.2774, 80.2544



76.4183, 75.2774, 72.4909

Triad

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



77.5565, 75.2774, 80.2544



68.1597, 75.2774, 69.0663



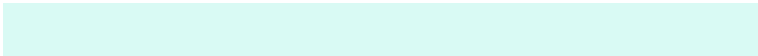
69.1730, 75.2774, 98.3067

Complementary

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



77.5565, 75.2774, 80.2544



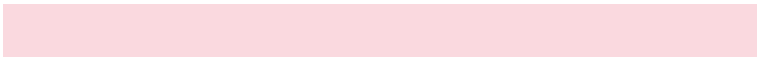
79.1329, 89.6565, 98.7270

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.



66.8909, 75.2774, 92.2290



77.5565, 75.2774, 80.2544



66.3177, 75.2774, 75.2738

Square

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



77.5565, 75.2774, 80.2544



70.9493, 75.2774, 66.3337



65.8599, 75.2774, 83.6983



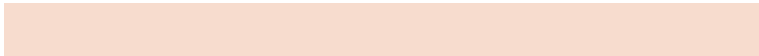
72.1518, 75.2774, 99.8755

Rectangle

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



77.5565, 75.2774, 80.2544



74.8976, 75.2774, 68.8047



65.8599, 75.2774, 83.6983



68.3016, 75.2774, 96.7031

Sweetspot

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



77.5586, 75.2807, 80.2560



90.5670, 93.1379, 100.9196



79.3614, 75.7555, 100.8829



19.2101, 19.6678, 21.2884



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

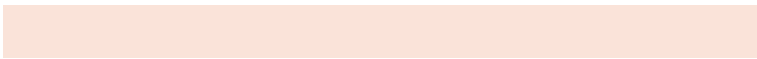
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5586, 75.2807, 80.2560



78.4703, 74.7077, 79.1204



79.5434, 80.5213, 76.9994



17.3734, 17.2767, 18.5560



21.2048, 10.8977, 2.5212



1.9979, 1.0229, 0.4124

Inverse Universe

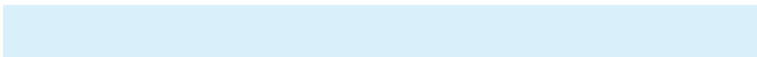
The Inverse Universe completely reimagines the original color for something new.



77.5586, 75.2807, 80.2560



78.4703, 74.7077, 79.1204



76.9011, 83.7119, 102.5483



17.3734, 17.2767, 18.5560



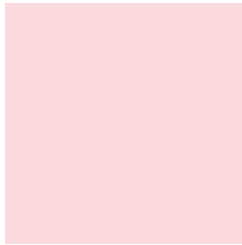
21.2048, 10.8977, 2.5212



1.9979, 1.0229, 0.4124

Previews

White Background



This preview shows how the XYZ color 77.5565, 75.2774, 80.2544 looks on a white background.

Color Contrast Check

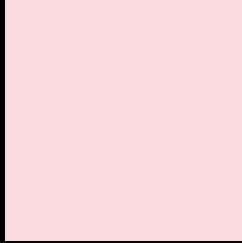
Large Text (above 18pt) WCAG AA × Fail

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 77.5565, 75.2774, 80.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

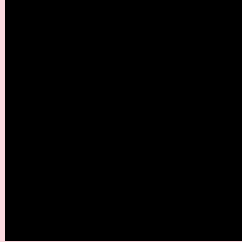
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5565, 75.2774, 80.2544

Background



This preview shows how black text looks on a background with the XYZ color 77.5565, 75.2774, 80.2544.



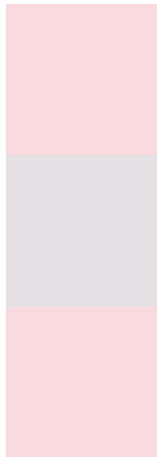
This preview shows how white text looks on a background with the XYZ color 77.5565, 75.2774,

80.2544.

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

77.5565, 75.2774, 80.2544

Protanopia

72.5157, 75.3513, 83.3953

Deuteranopia

77.1021, 75.4270, 80.3072



Tritanopia

78.9050, 75.4472, 86.7479

Trichromacy



Original Color

77.5565, 75.2774, 80.2544

Protanomaly

74.1760, 75.0368, 82.5256

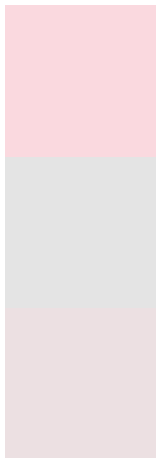
Deuteranomaly

77.4576, 75.6103, 80.3238

Tritanomaly

78.4824, 75.2781, 84.5224

Monochromacy



Original Color

77.5565, 75.2774, 80.2544

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.9752, 76.6352, 82.7920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5565, 75.2774, 80.2544 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(250, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 223)  
}
```

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(250, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 223) }
```

Border

The CSS property to change the border of an element to XYZ 77.5565, 75.2774, 80.2544 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(250, 217, 223) }
```


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

```
.border{ border-color:rgb(250, 217, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5565, 75.2774, 80.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 223) }
```

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

```
.background{ background-color: rgb(250,  
217, 223) }
```

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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