

Converting Colors

XYZ(76.0750, 74.6759, 80.3382)

Have a look what the booklet for
XYZ(76.0750, 74.6759, 80.3382)
contains.

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Color

**XYZ(75.7883, 74.3659,
80.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D9DF
RGB	245, 217, 223
RGB Percent	96%, 85%, 87%
CMY	0.0392, 0.1490, 0.1255
CMYK	0.00, 0.11, 0.09, 0.04
HSL	347°, 58%, 91%
HSV	347°, 11%, 96%
XYZ	75.7883, 74.3659, 80.1716
YIQ	226.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

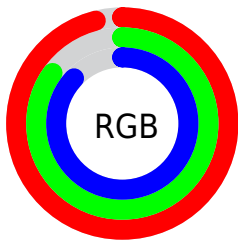
Format	Color
R _Y B	245, 217, 223
Decimal	16112095
CIE Lab	89.10, 10.65, 0.60
CIE LCh	89, 10.672, 3.217
Yxy	74.3659, 0.3290, 0.3229
Android (android.graphics.Color)	4294302175 (0xFFFF5D9DF)
YUV	226.0560, -1.5066, 16.6139
Hunter-Lab	86.2357, 5.9625, 5.2442

Details

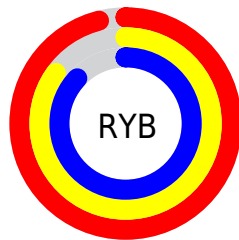
The XYZ color **75.7883, 74.3659, 80.1716** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8505, 86.2904, 94.2708**, and the grayscale version is **72.3341, 76.1011, 82.8741**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9745, 39.4866, 42.5079** is the 20% darker color. If you saturate the color by 10%, you get **67.4864, 61.6820, 65.3176**, and if you desaturate by 10%, it is **85.3271, 89.0493, 96.8960**.

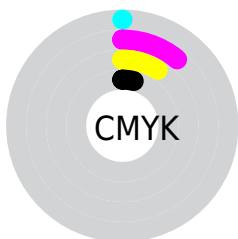
Distribution



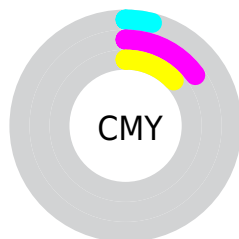
- Red (96%)
- Green (85%)
- Blue (87%)



- Red (96%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7883, 74.3659, 80.1716 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 75.7883, 74.3659, 80.1716 by changing the saturation by 10% instead.


 75.7883, 74.3659,
80.1716

 75.7883, 74.3659,
80.1716


469.5782,
475.7353, 515.2330

 56.5554, 55.0936,
59.3326


126.4096,
125.4144, 135.4205

 40.8871, 39.4766,
42.4591


158.5286,
157.9593, 170.6675

 28.4182, 27.1307,
29.1327


195.6738,
195.6972, 211.5543

 18.7832, 17.6714,
18.9348

238.2103,
239.0125, 258.4993

 11.6168, 10.7143,
11.4468

286.5037,
288.2895, 311.9211

 6.5536, 5.8751,
6.2503

340.9193,

 3.2284, 2.7693,

343.9127, 372.2383

2.9266

401.8223,
406.2665, 439.8694

■ 1.2757, 1.0125,
1.0573

■ 0.1649, 0.0000,
0.0000

■ 75.7883, 74.3659,
80.1716

■ 75.7883, 74.3659,
80.1716

■ 67.4864, 61.6820,
65.3176

■ 85.3271, 89.0493,
96.8960

■ 60.3640, 50.9015,
52.2636

■ 91.4666, 98.1527,
108.7323

■ 54.3687, 41.9352,
40.9419

■ 49.4415, 34.6826,
31.2784

■ 45.5179, 29.0337,
23.1937

■ 42.5264, 24.8654,
16.6018

■ 40.3853, 22.0366,
11.4076

■ 38.9983, 20.3786,
7.5046

■ 38.2870, 19.6649,
5.0825

Harmonies

Analogous

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



75.2365, 74.3659, 87.5910



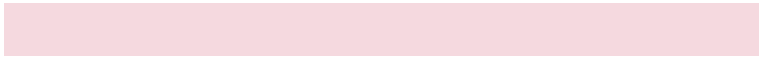
75.7883, 74.3659, 80.1716



74.9446, 74.3659, 73.3847

Triad

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



75.7883, 74.3659, 80.1716



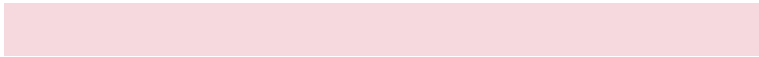
67.9812, 74.3659, 69.5831



68.4554, 74.3659, 94.4267

Complementary

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



75.7883, 74.3659, 80.1716



76.8505, 86.2904, 94.2708

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.



66.5852, 74.3659, 89.0646



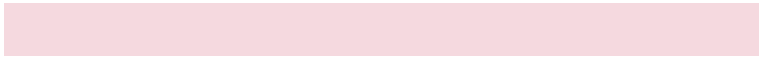
75.7883, 74.3659, 80.1716



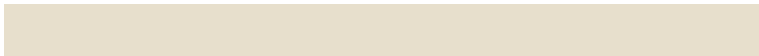
66.3162, 74.3659, 74.6948

Square

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



75.7883, 74.3659, 80.1716



70.4026, 74.3659, 67.5114



65.8114, 74.3659, 81.7774



70.9633, 74.3659, 96.1121

Rectangle

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



75.7883, 74.3659, 80.1716



73.7161, 74.3659, 70.0456



65.8114, 74.3659, 81.7774



67.7334, 74.3659, 92.9789

Sweetspot

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



75.7904, 74.3692, 80.1732



91.7050, 94.8346, 103.0846



76.8708, 74.5608, 96.7272



19.4419, 20.0104, 21.7386



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

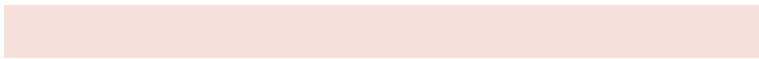
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7904, 74.3692, 80.1732



80.5075, 77.6228, 83.3733



77.0901, 78.2395, 76.6883



16.6443, 16.5406, 17.8737



20.6669, 10.6102, 2.9544



1.8528, 0.9471, 0.4512

Inverse Universe

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



75.7904, 74.3692, 80.1732



80.5075, 77.6228, 83.3733



75.4028, 81.9536, 98.2315



16.6443, 16.5406, 17.8737



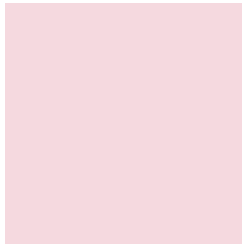
20.6669, 10.6102, 2.9544



1.8528, 0.9471, 0.4512

Previews

White Background



This preview shows how the XYZ color 75.7883, 74.3659, 80.1716 looks on a white background.

Color Contrast Check

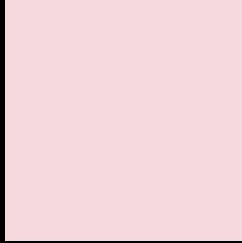
Large Text (above 18pt) WCAG AA × Fail

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 75.7883, 74.3659, 80.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

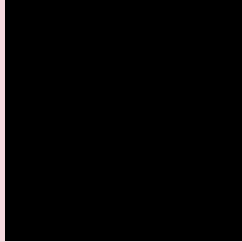
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7883, 74.3659, 80.1716

Background



This preview shows how black text looks on a background with the XYZ color 75.7883, 74.3659, 80.1716.



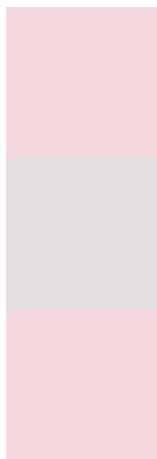
This preview shows how white text looks on a background with the XYZ color 75.7883, 74.3659,

80.1716.

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

75.7883, 74.3659, 80.1716

Protanopia

71.7937, 74.5972, 82.5663

Deuteranopia

76.1382, 74.5463, 80.1880



Tritanopia

77.1274, 74.5308, 86.6648

Trichromacy



Original Color

75.7883, 74.3659, 80.1716

Protanomaly

73.3787, 74.6416, 81.7740

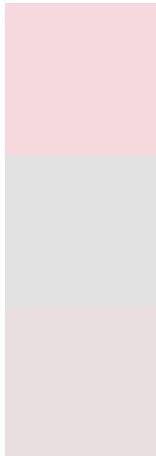
Deuteranomaly

76.1382, 74.5463, 80.1880

Tritanomaly

76.7048, 74.3617, 84.4392

Monochromacy



Original Color

75.7883, 74.3659, 80.1716

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5826, 75.5352, 81.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7883, 74.3659, 80.1716 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(245, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 217, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.7883, 74.3659, 80.1716 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(245, 217, 223) }
```


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

```
.border{ border-color:rgb(245, 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(245, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 217,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7883, 74.3659, 80.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 217, 223) }
```

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

```
.background{ background-color: rgb(245,  
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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