

Converting Colors

XYZ(76.9185, 76.1069, 80.4481)

Have a look what the booklet for
XYZ(76.9185, 76.1069, 80.4481)
contains.

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Color

**XYZ(76.9185, 76.1069,
80.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DCDF
RGB	246, 220, 223
RGB Percent	96%, 86%, 87%
CMY	0.0353, 0.1372, 0.1255
CMYK	0.00, 0.11, 0.09, 0.04
HSL	353°, 59%, 91%
HSV	353°, 11%, 96%
XYZ	76.9185, 76.1069, 80.4481
YIQ	228.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

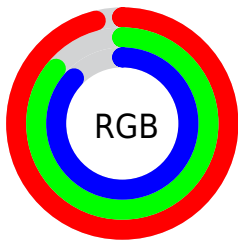
Format	Color
R _Y B	246, 220, 223
Decimal	16178399
CIE Lab	89.91, 9.44, 1.79
CIE LCh	90, 9.609, 10.764
Yxy	76.1069, 0.3295, 0.3260
Android (android.graphics.Color)	4294368479 (0xFFF6DCDF)
YUV	228.1160, -2.5222, 15.6843
Hunter-Lab	87.2393, 4.7140, 6.3929

Details

The XYZ color **76.9185, 76.1069, 80.4481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.6515, 87.6002, 97.5614**, and the grayscale version is **73.8399, 77.6853, 84.5993**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7582, 40.6846, 42.6978** is the 20% darker color. If you saturate the color by 10%, you get **68.1830, 63.0335, 63.9773**, and if you desaturate by 10%, it is **86.9855, 91.2380, 99.2256**.

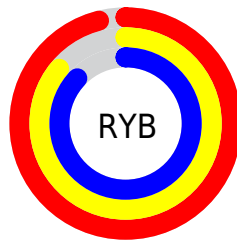
Distribution



Red (96%)

Green (86%)

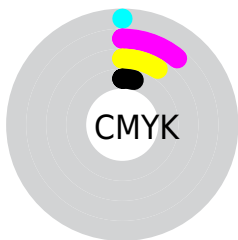
Blue (87%)



Red (96%)

Yellow (86%)

Blue (87%)

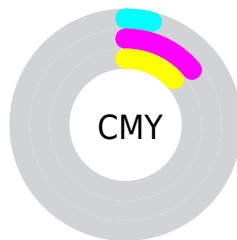


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (4%)



Cyan (4%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9185, 76.1069, 80.4481 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 76.9185, 76.1069, 80.4481 by changing the saturation by 10% instead.


 76.9185, 76.1069,
80.4481

 76.9185, 76.1069,
80.4481

473.3823,
481.7136, 516.1882

 57.4857, 56.5202,
59.5588


127.9979,
127.8780, 135.8126

 41.6370, 40.6201,
42.6402


160.3752,
160.8312, 171.1250

 29.0070, 28.0224,
29.2736


197.7980,
199.0086, 212.0821

 19.2304, 18.3425,
19.0405

240.6316,
242.7947, 259.1025

 11.9419, 11.1962,
11.5225

289.2416,
292.5738, 312.6048

 6.7760, 6.1990,
6.3008

343.9931,

 3.3675, 2.9664,

348.7304, 373.0075

2.9571

405.2515,
411.6489, 440.7291

■ 1.3510, 1.1142,
1.0728

■ 0.2209, 0.0000,
0.0000

■ 76.9185, 76.1069,
80.4481

■ 76.9185, 76.1069,
80.4481

■ 68.1830, 63.0335,
63.9773

■ 86.9855, 91.2380,
99.2256

■ 60.7171, 51.9192,
49.7194

■ 91.8164, 98.3330,
108.7487

■ 54.4633, 42.6727,
37.5814

■ 49.3573, 35.1913,
27.4618

■ 45.3289, 29.3623,
19.2505

■ 42.2998, 25.0602,
12.8273

■ 40.1814, 22.1414,
8.0577

■ 38.8688, 20.4347,
4.7882

■ 38.2202, 19.6786,
2.9046

Harmonies

Analogous

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



76.7367, 76.1069, 87.2529



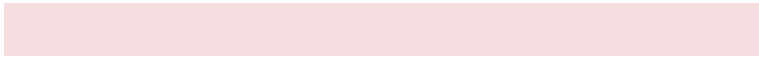
76.9185, 76.1069, 80.4481



75.8527, 76.1069, 74.6154

Triad

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



76.9185, 76.1069, 80.4481



69.3954, 76.1069, 73.3482



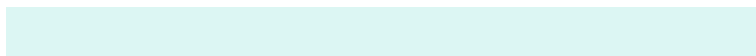
70.8427, 76.1069, 95.8437

Complementary

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



76.9185, 76.1069, 80.4481



78.6515, 87.6002, 97.5614

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.



68.9323, 76.1069, 91.7066



76.9185, 76.1069, 80.4481



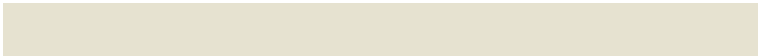
68.1094, 76.1069, 78.6315

Square

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



76.9185, 76.1069, 80.4481



71.4875, 76.1069, 70.6680



67.9418, 76.1069, 85.3349



73.1938, 76.1069, 96.3959

Rectangle

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



76.9185, 76.1069, 80.4481



74.5915, 76.1069, 71.9676



67.9418, 76.1069, 85.3349



70.1291, 76.1069, 94.8159

Sweetspot

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



76.9206, 76.1103, 80.4497



91.5871, 94.7875, 102.4641



79.1807, 76.8924, 97.8581



19.4102, 19.9978, 21.5718



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.



76.9206, 76.1103, 80.4497



81.0037, 78.8958, 82.6736



79.2141, 81.3379, 79.2389



16.5768, 16.5136, 17.5179



20.4258, 10.5137, 1.6845



1.8200, 0.9340, 0.2784

Inverse Universe

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



76.9206, 76.1103, 80.4497



81.0037, 78.8958, 82.6736



76.1576, 81.8822, 98.9806



16.5768, 16.5136, 17.5179



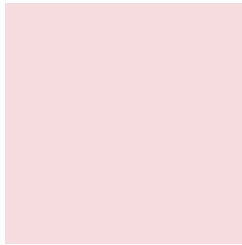
20.4258, 10.5137, 1.6845



1.8200, 0.9340, 0.2784

Previews

White Background



This preview shows how the XYZ color 76.9185, 76.1069, 80.4481 looks on a white background.

Color Contrast Check

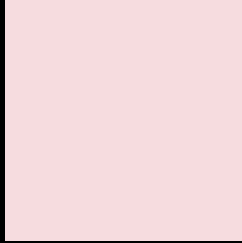
Large Text (above 18pt) WCAG AA × Fail

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 76.9185, 76.1069, 80.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

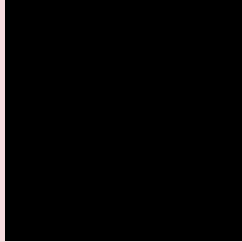
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9185, 76.1069, 80.4481

Background



This preview shows how black text looks on a background with the XYZ color 76.9185, 76.1069, 80.4481.



This preview shows how white text looks on a background with the XYZ color 76.9185, 76.1069,

80.4481.

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

76.9185, 76.1069, 80.4481

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

77.7177, 76.1305, 80.4105



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

76.9185, 76.1069, 80.4481

Protanomaly

74.5704, 76.0445, 81.9819

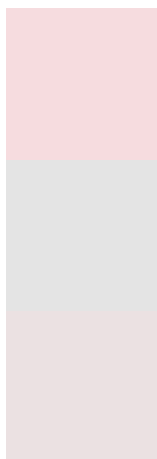
Deuteranomaly

77.3622, 75.9472, 80.3939

Tritanomaly

78.1131, 76.2067, 86.1937

Monochromacy



Original Color

76.9185, 76.1069, 80.4481

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.9136, 77.0036, 82.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9185, 76.1069, 80.4481 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(246, 220, 223) looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 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(246, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 223) }
```

Border

The CSS property to change the border of an element to XYZ 76.9185, 76.1069, 80.4481 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(246, 220, 223) }
```


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

```
.border{ border-color:rgb(246, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9185, 76.1069, 80.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 223) }
```

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

```
.background{ background-color: rgb(246,  
220, 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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