

Converting Colors

XYZ(76.5320, 75.1175, 80.9865)

Have a look what the booklet for
XYZ(76.5320, 75.1175, 80.9865)
contains.

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Color

**XYZ(76.5320, 75.1175,
80.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DAE0
RGB	246, 218, 224
RGB Percent	96%, 85%, 88%
CMY	0.0353, 0.1451, 0.1216
CMYK	0.00, 0.11, 0.09, 0.04
HSL	347°, 61%, 91%
HSV	347°, 11%, 96%
XYZ	76.5320, 75.1175, 80.9865
YIQ	227.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

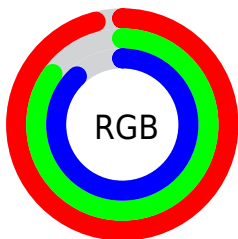
Format	Color
R _Y B	246, 218, 224
Decimal	16177888
CIE Lab	89.45, 10.65, 0.60
CIE LCh	89, 10.662, 3.212
Yxy	75.1175, 0.3290, 0.3229
Android (android.graphics.Color)	4294367968 (0xFFFF6DAE0)
YUV	227.0560, -1.5066, 16.6139
Hunter-Lab	86.6704, 5.9467, 5.2675

Details

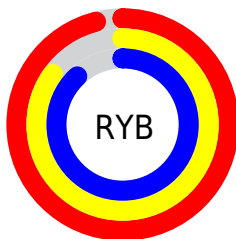
The XYZ color **76.5320, 75.1175, 80.9865** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6003, 87.1101, 95.1663**, and the grayscale version is **73.0593, 76.8641, 83.7050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4938, 40.0061, 43.0711** is the 20% darker color. If you saturate the color by 10%, you get **68.1459, 62.3045, 65.9833**, and if you desaturate by 10%, it is **86.1673, 89.9499, 97.8786**.

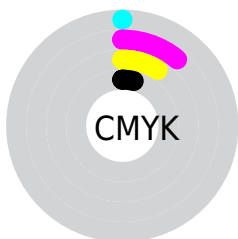
Distribution



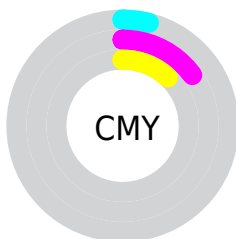
- Red (96%)
- Green (85%)
- Blue (88%)



- Red (96%)
- Yellow (85%)
- Blue (88%)



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





- Cyan (4%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5320, 75.1175, 80.9865 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 76.5320, 75.1175, 80.9865 by changing the saturation by 10% instead.


 76.5320, 75.1175,
80.9865

 76.5320, 75.1175,
80.9865


472.0833,
478.3213, 518.0454

 57.1674, 55.7092,
59.9995


127.4550,
126.4787, 136.5757

 41.3803, 39.9698,
42.9930


159.7441,
159.2003, 172.0151

 28.8054, 27.5150,
29.5482


197.0722,
197.1285, 213.1089

 19.0772, 17.9604,
19.2468

239.8045,
240.6476, 260.2759

 11.8304, 10.9215,
11.6701

288.3064,
290.1420, 313.9345

 6.6997, 6.0141,
6.3997

342.9433,

 3.3196, 2.8537,

345.9962, 374.5032

3.0169

404.0805,
408.5945, 442.4007

■ 1.3250, 1.0558,
1.1033

■ 0.2018, 0.0000,
0.0000

■ 76.5320, 75.1175,
80.9865

■ 76.5320, 75.1175,
80.9865

■ 68.1459, 62.3045,
65.9833

■ 86.1673, 89.9499,
97.8786

■ 60.9510, 51.4138,
52.7978

■ 91.8164, 98.3330,
108.7487

■ 54.8944, 42.3553,
41.3618

■ 49.9165, 35.0277,
31.6005

■ 45.9523, 29.3197,
23.4336

■ 42.9294, 25.1072,
16.7743

■ 40.7656, 22.2477,
11.5266

■ 39.3634, 20.5709,
7.5831

■ 38.6418, 19.8472,
5.1246

Harmonies

Analogous

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



75.9768, 75.1175, 88.4485



76.5320, 75.1175, 80.9865



75.6838, 75.1175, 74.1587

Triad

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



76.5320, 75.1175, 80.9865



68.6800, 75.1175, 70.3319



69.1563, 75.1175, 95.3201

Complementary

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



76.5320, 75.1175, 80.9865



77.6003, 87.1101, 95.1663

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.



67.2751, 75.1175, 89.9281



76.5320, 75.1175, 80.9865



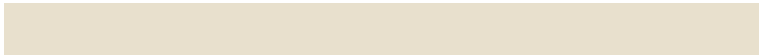
67.0049, 75.1175, 75.4747

Square

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



76.5320, 75.1175, 80.9865



71.1158, 75.1175, 68.2477



66.4969, 75.1175, 82.5992



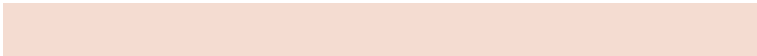
71.6788, 75.1175, 97.0152

Rectangle

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



76.5320, 75.1175, 80.9865



74.4484, 75.1175, 70.7987



66.4969, 75.1175, 82.5992



68.4300, 75.1175, 93.8642

Sweetspot

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



76.5341, 75.1208, 80.9881



91.7050, 94.8346, 103.0846



77.6209, 75.3137, 97.6356



19.4419, 20.0104, 21.7386



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

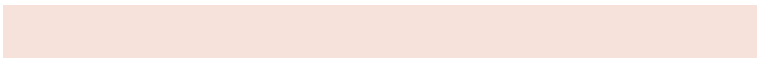
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5341, 75.1208, 80.9881



80.5075, 77.6228, 83.3733



77.8416, 79.0142, 77.4823



16.6444, 16.5406, 17.8737



20.6669, 10.6102, 2.9544



1.8528, 0.9471, 0.4512

Inverse Universe

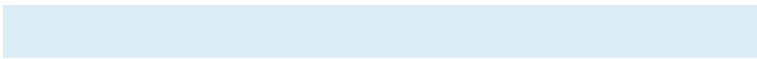
The Inverse Universe completely reimagines the original color for something new.



76.5341, 75.1208, 80.9881



80.5075, 77.6228, 83.3733



76.1446, 82.7496, 99.1487



16.6444, 16.5406, 17.8737



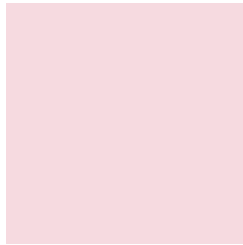
20.6669, 10.6102, 2.9544



1.8528, 0.9471, 0.4512

Previews

White Background



This preview shows how the XYZ color 76.5320, 75.1175, 80.9865 looks on a white background.

Color Contrast Check

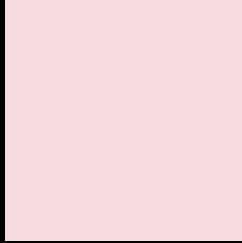
Large Text (above 18pt) WCAG AA × Fail

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 76.5320, 75.1175, 80.9865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

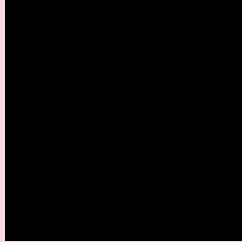
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5320, 75.1175, 80.9865

Background



This preview shows how black text looks on a background with the XYZ color 76.5320, 75.1175, 80.9865.



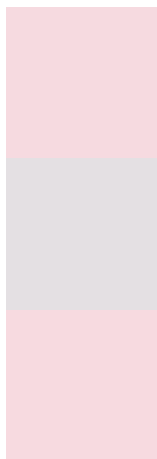
This preview shows how white text looks on a background with the XYZ color 76.5320, 75.1175,

80.9865.

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

76.5320, 75.1175, 80.9865

Protanopia

72.5157, 75.3513, 83.3953

Deuteranopia

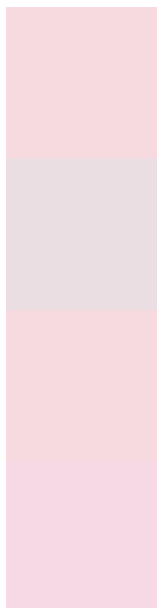
76.8837, 75.2988, 81.0029



Tritanopia

77.8786, 75.2831, 87.5172

Trichromacy



Original Color

76.5320, 75.1175, 80.9865

Protanomaly

74.1097, 75.3957, 82.5983

Deuteranomaly

76.8837, 75.2988, 81.0029

Tritanomaly

77.4536, 75.1130, 85.2789

Monochromacy



Original Color

76.5320, 75.1175, 80.9865

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3148, 76.2947, 82.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5320, 75.1175, 80.9865 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, 218, 224) looks like.

```
.text, #text, p{  
    color:rgb(246, 218, 224)  
}
```

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, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.5320, 75.1175, 80.9865 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, 218, 224) }
```


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

```
.border{ border-color:rgb(246, 218, 224) }
```

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

Here you see how a box with a 4 pixel rgb(246, 218, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5320, 75.1175, 80.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 218, 224) }
```

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

```
.background{ background-color: rgb(246,  
218, 224) }
```

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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