

Converting Colors

XYZ(78.5927, 76.5130, 83.0328)

Have a look what the booklet for
XYZ(78.5927, 76.5130, 83.0328)
contains.

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Color

**XYZ(78.6210, 76.5331,
83.3016)**

Conversions

Conversions Part 1

Format	Color
Hex	FADBE3
RGB	250, 219, 227
RGB Percent	98%, 86%, 89%
CMY	0.0196, 0.1412, 0.1098
CMYK	0.00, 0.12, 0.09, 0.02
HSL	345°, 76%, 92%
HSV	345°, 12%, 98%
XYZ	78.6210, 76.5331, 83.3016
YIQ	229.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

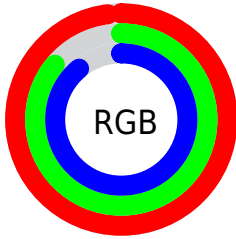
Format	Color
R _Y B	250, 219, 227
Decimal	16440291
CIE Lab	90.11, 12.00, 0.02
CIE LCh	90, 12.002, 0.105
Yxy	76.5331, 0.3297, 0.3210
Android (android.graphics.Color)	4294630371 (0xFFFADBE3)
YUV	229.1810, -1.0752, 18.2583
Hunter-Lab	87.4832, 7.3220, 4.7822

Details

The XYZ color **78.6210, 76.5331, 83.3016** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4290, 89.8441, 97.1641**, and the grayscale version is **74.6107, 78.4962, 85.4824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7142, 40.8669, 44.6666** is the 20% darker color. If you saturate the color by 10%, you get **70.1585, 63.4866, 68.5218**, and if you desaturate by 10%, it is **88.3432, 91.6556, 99.8643**.

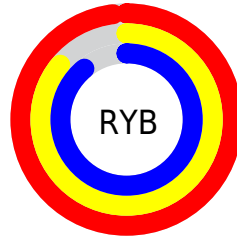
Distribution



Red (98%)

Green (86%)

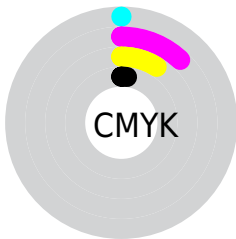
Blue (89%)



Red (98%)

Yellow (86%)

Blue (89%)

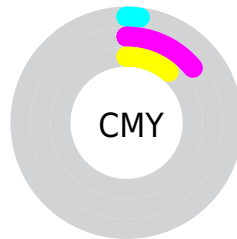


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.6210, 76.5331, 83.3016 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 78.6210, 76.5331, 83.3016 by changing the saturation by 10% instead.


 78.6210, 76.5331,
83.3016

 78.6210, 76.5331,
83.3016


479.0809,
483.1706, 525.9884

 58.8888, 56.8698,
61.8969


130.3859,
128.4802, 139.8508

 42.7696, 40.9007,
44.5142


163.1493,
161.5327, 175.8324

 29.8981, 28.2415,
30.7348


200.9872,
199.8171, 217.5101

 19.9090, 18.5078,
20.1402

244.2649,
243.7178, 265.3024

 12.4368, 11.3152,
12.3119

293.3478,
293.6190, 319.6278

 7.1162, 6.2792,
6.8314

348.6011,

 3.5818, 3.0156,

349.9053, 380.9050

3.2800

410.3904,
412.9611, 449.5523

■ 1.4684, 1.1399,
1.2393

■ 0.3042, 0.0118,
0.0113

■ 78.6210, 76.5331,
83.3016

■ 78.6210, 76.5331,
83.3016

■ 70.1585, 63.4866,
68.5218

■ 88.3432, 91.6556,
99.8643

■ 62.8970, 52.4156,
55.4597

■ 93.2348, 99.0642,
108.8150

■ 56.7828, 43.2260,
44.0530

■ 51.7553, 35.8124,
34.2339

■ 47.7482, 30.0587,
25.9296

■ 44.6879, 25.8350,
19.0614

■ 42.4900, 22.9917,
13.5428

■ 41.0542, 21.3487,
9.2765

■ 40.3642, 20.7000,
6.7920

Harmonies

Analogous

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



77.8212, 76.5331, 91.7767



78.6210, 76.5331, 83.3016



77.8102, 76.5331, 75.3725

Triad

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



78.6210, 76.5331, 83.3016



69.9075, 76.5331, 69.9324



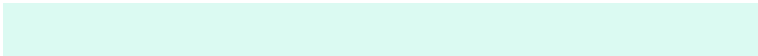
69.9252, 76.5331, 98.3748

Complementary

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



78.6210, 76.5331, 83.3016



79.4290, 89.8441, 97.1641

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.



67.8996, 76.5331, 91.8320



78.6210, 76.5331, 83.3016



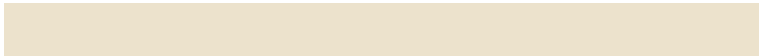
67.8896, 76.5331, 75.4211

Square

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



78.6210, 76.5331, 83.3016



72.7320, 76.5331, 67.9824



67.1644, 76.5331, 83.3615



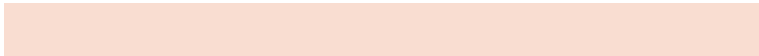
72.7529, 76.5331, 100.8328

Rectangle

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



78.6210, 76.5331, 83.3016



76.4778, 76.5331, 71.3707



67.1644, 76.5331, 83.3615



69.1307, 76.5331, 96.5592

Sweetspot

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



78.6232, 76.5365, 83.3032



90.6871, 93.1859, 101.5519



79.1159, 76.3989, 101.0200



19.2404, 19.6800, 21.4479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

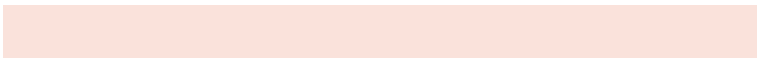
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6232, 76.5365, 83.3032



79.8008, 76.2818, 82.9141



79.4729, 79.9613, 78.2673



17.4283, 17.2987, 18.8454



21.4595, 10.9995, 3.8622



2.0287, 1.0352, 0.5748

Inverse Universe

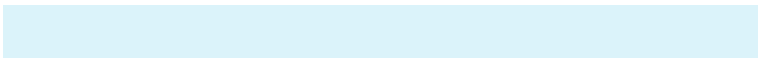
The Inverse Universe completely reimagines the original color for something new.



78.6232, 76.5365, 83.3032



79.8008, 76.2818, 82.9141



78.4522, 85.9262, 102.8940



17.4283, 17.2987, 18.8454



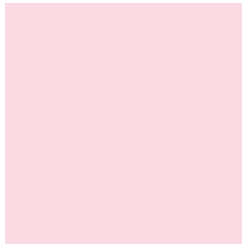
21.4595, 10.9995, 3.8622



2.0287, 1.0352, 0.5748

Previews

White Background



This preview shows how the XYZ color 78.6210, 76.5331, 83.3016 looks on a white background.

Color Contrast Check

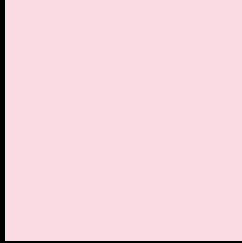
Large Text (above 18pt) WCAG AA × Fail

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 78.6210, 76.5331, 83.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

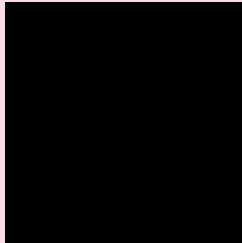
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6210, 76.5331, 83.3016

Background



This preview shows how black text looks on a background with the XYZ color 78.6210, 76.5331, 83.3016.

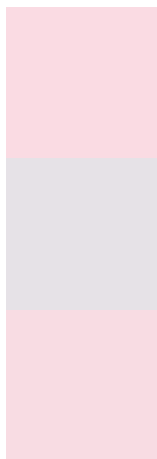


This preview shows how white text looks on a background with the XYZ color 78.6210, 76.5331,

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

78.6210, 76.5331, 83.3016

Protanopia

74.2533, 76.9852, 86.5474

Deuteranopia

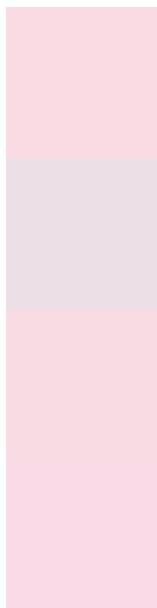
78.1697, 76.6889, 83.3555



Tritanopia

79.8505, 76.6502, 89.1837

Trichromacy



Original Color

78.6210, 76.5331, 83.3016

Protanomaly

75.5957, 76.4930, 85.6432

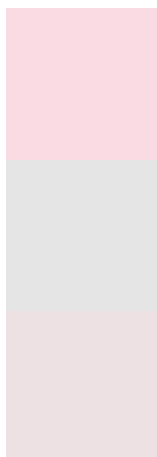
Deuteranomaly

78.5252, 76.8722, 83.3721

Tritanomaly

79.4206, 76.4782, 86.9198

Monochromacy



Original Color

78.6210, 76.5331, 83.3016

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.8539, 77.4564, 84.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6210, 76.5331, 83.3016 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, 219, 227) looks like.

```
.text, #text, p{  
    color:rgb(250, 219, 227)  
}
```

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, 219, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 219, 227) }
```

Border

The CSS property to change the border of an element to XYZ 78.6210, 76.5331, 83.3016 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, 219, 227) }
```


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

```
.border{ border-color:rgb(250, 219, 227) }
```

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

Here you see how a box with a 4 pixel rgb(250, 219, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 219, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 219, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 219,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6210, 76.5331, 83.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 219, 227) }
```

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

```
.background{ background-color: rgb(250,  
219, 227) }
```

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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