

Converting Colors

XYZ(76.6627, 75.0456, 79.1316)

Have a look what the booklet for
XYZ(76.6627, 75.0456, 79.1316)
contains.

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Color

**XYZ(76.8339, 75.3197,
78.8952)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DADD
RGB	248, 218, 221
RGB Percent	97%, 85%, 87%
CMY	0.0274, 0.1451, 0.1333
CMYK	0.00, 0.12, 0.11, 0.03
HSL	354°, 68%, 91%
HSV	354°, 12%, 97%
XYZ	76.8339, 75.3197, 78.8952
YIQ	227.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

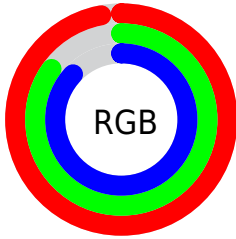
Format	Color
R _Y B	248, 218, 221
Decimal	16308957
CIE Lab	89.54, 10.85, 2.33
CIE LCh	90, 11.097, 12.141
Yxy	75.3197, 0.3325, 0.3260
Android (android.graphics.Color)	4294499037 (0xFFFF8DADD)
YUV	227.3120, -3.1118, 18.1434
Hunter-Lab	86.7869, 6.1519, 6.8522

Details

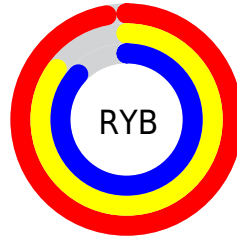
The XYZ color **76.8339, 75.3197, 78.8952** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9651, 88.6346, 99.3367**, and the grayscale version is **73.2558, 77.0708, 83.9301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4660, 40.0239, 41.6163** is the 20% darker color. If you saturate the color by 10%, you get **68.0987, 62.2962, 62.2724**, and if you desaturate by 10%, it is **86.9311, 90.4325, 97.9249**.

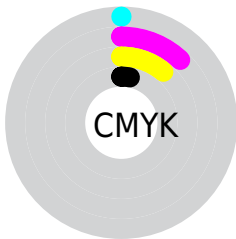
Distribution



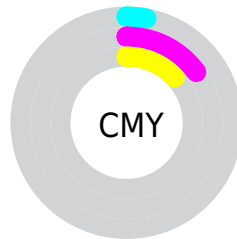
- Red (97%)
- Green (85%)
- Blue (87%)



- Red (97%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8339, 75.3197, 78.8952 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 76.8339, 75.3197, 78.8952 by changing the saturation by 10% instead.


 76.8339, 75.3197,
78.8952

 76.8339, 75.3197,
78.8952


473.0981,
479.0157, 510.8100

 57.4160, 55.8748,
58.2888


127.8791,
126.7648, 133.6086

 41.5808, 40.1026,
41.6247


160.2371,
159.5338, 168.5528

 28.9628, 27.6185,
28.4841


197.6391,
197.5131, 209.1133

 19.1969, 18.0383,
18.4487

240.4507,
241.0869, 255.7087

 11.9175, 10.9775,
11.0999

289.0370,
290.6396, 308.7575

 6.7593, 6.0517,
6.0190

343.7634,

 3.3570, 2.8765,

346.5558, 368.6783

2.7877

404.9953,
409.2197, 435.8896

■ 1.3452, 1.0676,
0.9873

■ 0.2167, 0.0000,
0.0000

■ 76.8339, 75.3197,
78.8952

■ 76.8339, 75.3197,
78.8952

■ 68.0987, 62.2962,
62.2724

■ 86.9311, 90.4325,
97.9249

■ 60.6610, 51.2606,
47.9558

■ 92.5217, 98.6966,
108.7817

■ 54.4607, 42.1180,
35.8449

■ 49.4304, 34.7620,
25.8298

■ 45.4960, 29.0754,
17.7912

■ 42.5753, 24.9273,
11.5976

■ 40.5742, 22.1670,
7.1016

■ 39.3804, 20.6133,
4.1328

■ 38.8847, 20.0258,
2.7226

Harmonies

Analogous

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



76.6922, 75.3197, 86.6983



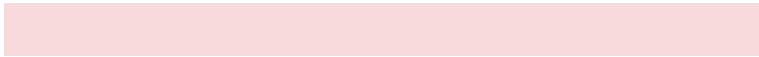
76.8339, 75.3197, 78.8952



75.5444, 75.3197, 72.3499

Triad

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



76.8339, 75.3197, 78.8952



68.1313, 75.3197, 71.3806



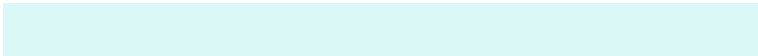
69.9944, 75.3197, 97.1360

Complementary

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



76.8339, 75.3197, 78.8952



78.9651, 88.6346, 99.3367

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.



67.7743, 75.3197, 92.4946



76.8339, 75.3197, 78.8952



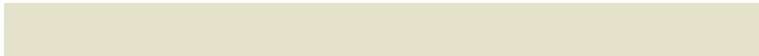
66.7176, 75.3197, 77.4945

Square

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



76.8339, 75.3197, 78.8952



70.4930, 75.3197, 68.1994



66.5886, 75.3197, 85.2064



72.6966, 75.3197, 97.5703

Rectangle

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



76.8339, 75.3197, 78.8952



74.0653, 75.3197, 69.4480



66.5886, 75.3197, 85.2064



69.1688, 75.3197, 96.0031

Sweetspot

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



76.8360, 75.3230, 78.8968



90.4387, 93.0866, 100.2438



79.6730, 76.3360, 99.3428



19.1777, 19.6549, 21.1180



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

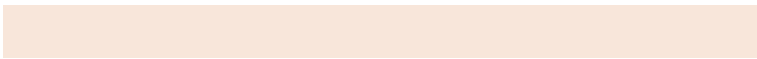
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8360, 75.3230, 78.8968



78.9824, 75.9545, 78.6045



79.6653, 81.6147, 77.8881



17.3150, 17.2534, 18.2487



21.0281, 10.8270, 1.5907



1.9703, 1.0119, 0.2670

Inverse Universe

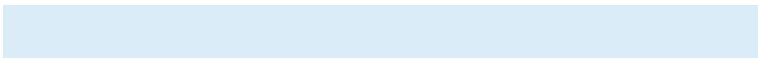
The Inverse Universe completely reimagines the original color for something new.



76.8360, 75.3230, 78.8968



78.9824, 75.9545, 78.6045



75.8549, 81.6763, 100.5748



17.3150, 17.2534, 18.2487



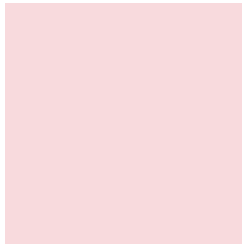
21.0281, 10.8270, 1.5907



1.9703, 1.0119, 0.2670

Previews

White Background



This preview shows how the XYZ color 76.8339, 75.3197, 78.8952 looks on a white background.

Color Contrast Check

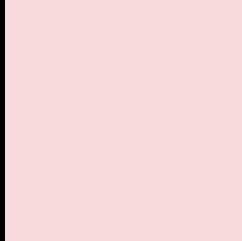
Large Text (above 18pt) WCAG AA × Fail

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 76.8339, 75.3197, 78.8952 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 76.8339, 75.3197, 78.8952

Background



This preview shows how black text looks on a background with the XYZ color 76.8339, 75.3197, 78.8952.



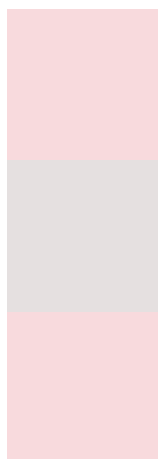
This preview shows how white text looks on a background with the XYZ color 76.8339, 75.3197,

78.8952.

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

76.8339, 75.3197, 78.8952

Protanopia

72.4233, 75.3511, 81.2481

Deuteranopia

76.8339, 75.3197, 78.8952



Tritanopia

78.6882, 75.3189, 87.4815

Trichromacy



Original Color

76.8339, 75.3197, 78.8952

Protanomaly

74.0326, 75.4031, 80.4644

Deuteranomaly

76.8339, 75.3197, 78.8952

Tritanomaly

78.0226, 75.4226, 84.5745

Monochromacy



Original Color

76.8339, 75.3197, 78.8952

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.5072, 76.4097, 82.0558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8339, 75.3197, 78.8952 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(248, 218, 221) looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 221)  
}
```

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(248, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 221) }
```

Border

The CSS property to change the border of an element to XYZ 76.8339, 75.3197, 78.8952 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(248, 218, 221) }
```


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

```
.border{ border-color:rgb(248, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8339, 75.3197, 78.8952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 221) }
```

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

```
.background{ background-color: rgb(248,  
218, 221) }
```

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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