

Converting Colors

XYZ(78.3607, 76.4786, 75.6273)

Have a look what the booklet for
XYZ(78.3607, 76.4786, 75.6273)
contains.

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Color

**XYZ(78.2342, 76.5036,
75.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDBD8
RGB	253, 219, 216
RGB Percent	99%, 86%, 85%
CMY	0.0078, 0.1412, 0.1529
CMYK	0.00, 0.13, 0.15, 0.01
HSL	5°, 90%, 92%
HSV	5°, 15%, 99%
XYZ	78.2342, 76.5036, 75.6090
YIQ	228.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

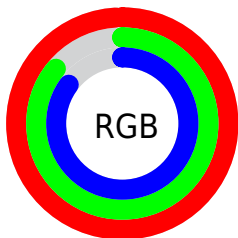
Format	Color
R _Y B	253, 219, 216
Decimal	16636888
CIE Lab	90.09, 11.29, 5.81
CIE LCh	90, 12.698, 27.238
Yxy	76.5036, 0.3396, 0.3321
Android (android.graphics.Color)	4294826968 (0xFFFDDBD8)
YUV	228.8240, -6.3222, 21.2024
Hunter-Lab	87.4663, 6.5931, 9.9741

Details

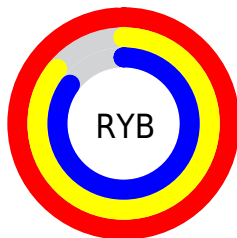
The XYZ color **78.2342, 76.5036, 75.6090** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2335, 90.0599, 106.0837**, and the grayscale version is **74.3827, 78.2564, 85.2212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4734, 40.8599, 39.3664** is the 20% darker color. If you saturate the color by 10%, you get **69.5654, 64.0033, 57.8055**, and if you desaturate by 10%, it is **88.2577, 90.9059, 96.3504**.

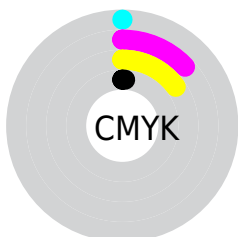
Distribution



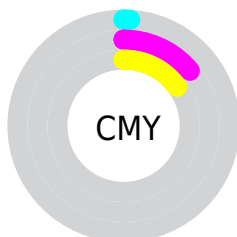
- Red (99%)
- Green (86%)
- Blue (85%)



- Red (99%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2342, 76.5036, 75.6090 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 78.2342, 76.5036, 75.6090 by changing the saturation by 10% instead.


 78.2342, 76.5036,
75.6090

 78.2342, 76.5036,
75.6090


477.7895,
483.0699, 499.3193

 58.5698, 56.8456,
55.6072


129.8438,
128.4385, 128.9291

 42.5120, 40.8813,
39.4862


162.5198,
161.4842, 163.0844

 29.6952, 28.2263,
26.8274


200.2637,
199.7612, 202.7948

 19.7543, 18.4963,
17.2124

243.4409,
243.6539, 248.4785

 12.3238, 11.3069,
10.2225

292.4167,
293.5467, 300.5544

 7.0384, 6.2737,
5.4392

347.5565,

 3.5326, 3.0122,

349.8241, 359.4407

2.4440

409.2257,
412.8703, 425.5562

■ 1.4413, 1.1381,
0.8102

■ 0.2854, 0.0103,
0.0000

■ 78.2342, 76.5036,
75.6090

■ 78.2342, 76.5036,
75.6090

■ 69.5654, 64.0033,
57.8055

■ 88.2577, 90.9059,
96.3504

■ 62.1872, 53.3156,
42.8025

■ 94.3183, 99.6228,
108.8658

■ 56.0396, 44.3596,
30.4588

■ 51.0553, 37.0440,
20.6190

■ 47.1609, 31.2691,
13.1118

■ 44.2741, 26.9245,
7.7440

■ 42.3010, 23.8850,
4.2916

■ 41.1299, 22.0035,
2.4807

■ 40.7682, 21.4026,
1.9824

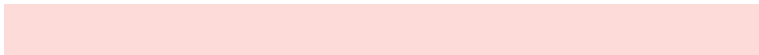
Harmonies

Analogous

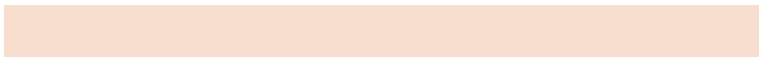
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9342, 76.5036, 84.1382



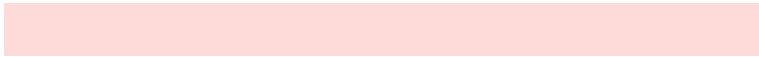
78.2342, 76.5036, 75.6090



76.0419, 76.5036, 69.5460

Triad

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



78.2342, 76.5036, 75.6090



67.7385, 76.5036, 74.2598



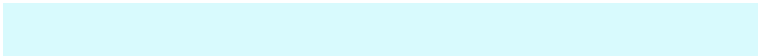
72.4229, 76.5036, 101.8566

Complementary

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



78.2342, 76.5036, 75.6090



80.2335, 90.0599, 106.0837

Split Complementary

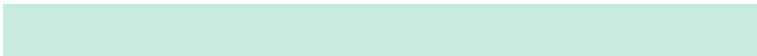
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4854, 76.5036, 98.7561



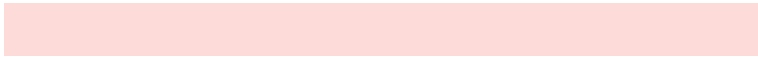
78.2342, 76.5036, 75.6090



66.8302, 76.5036, 82.4663

Square

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



78.2342, 76.5036, 75.6090



69.9770, 76.5036, 68.8075



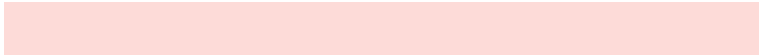
67.4605, 76.5036, 91.4944



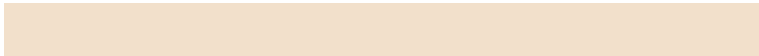
75.5222, 76.5036, 99.6955

Rectangle

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



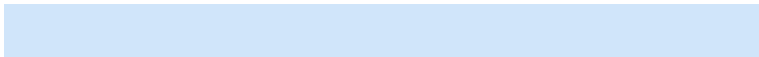
78.2342, 76.5036, 75.6090



74.0607, 76.5036, 67.4996



67.4605, 76.5036, 91.4944



71.3845, 76.5036, 101.3903

Sweetspot

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



78.2363, 76.5070, 75.6106



90.5337, 93.5260, 99.5069



82.4038, 76.9310, 101.3883



19.2017, 19.7655, 20.9325



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.



78.2363, 76.5070, 75.6106



76.5119, 73.3702, 70.5158



83.1780, 86.3905, 77.2579



18.1279, 18.2239, 18.7065



21.7272, 11.4657, 1.0679



2.1543, 1.1940, 0.1169

Inverse Universe

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



80.2335, 90.0599, 106.0837



78.9552, 89.9546, 107.8093



74.9154, 79.4237, 104.3110



18.4212, 20.2141, 23.1808



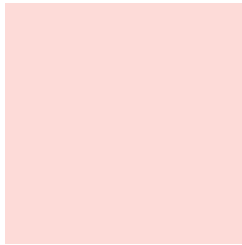
24.9017, 34.7131, 54.8224



2.4604, 3.4515, 5.3498

Previews

White Background



This preview shows how the XYZ color 78.2342, 76.5036, 75.6090 looks on a white background.

Color Contrast Check

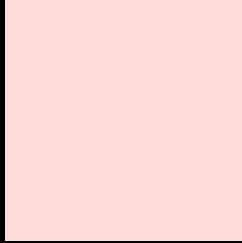
Large Text (above 18pt) WCAG AA × Fail

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 78.2342, 76.5036, 75.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

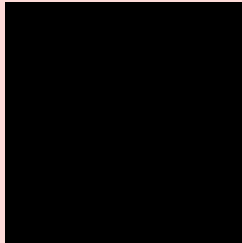
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

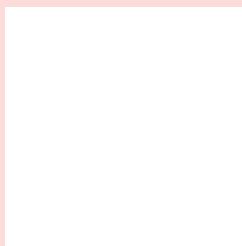
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2342, 76.5036, 75.6090

Background



This preview shows how black text looks on a background with the XYZ color 78.2342, 76.5036, 75.6090.



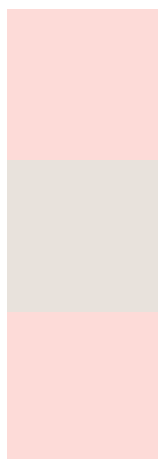
This preview shows how white text looks on a background with the XYZ color 78.2342, 76.5036,

75.6090.

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

78.2342, 76.5036, 75.6090

Protanopia

73.3933, 76.7158, 78.6495

Deuteranopia

78.2342, 76.5036, 75.6090



Tritanopia

80.5038, 76.2549, 87.5665

Trichromacy



Original Color

78.2342, 76.5036, 75.6090

Protanomaly

75.1090, 76.4151, 77.8087

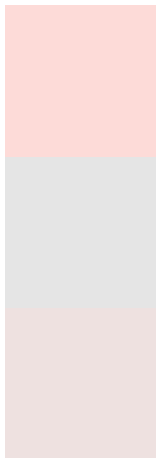
Deuteranomaly

78.2342, 76.5036, 75.6090

Tritanomaly

79.5510, 76.2426, 83.1965

Monochromacy



Original Color

78.2342, 76.5036, 75.6090

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6397, 77.4094, 81.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2342, 76.5036, 75.6090 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(253, 219, 216)` looks like.

```
.text, #text, p{  
    color:rgb(253, 219, 216)  
}
```

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(253, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 219, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.2342, 76.5036, 75.6090 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(253, 219, 216) }
```


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

```
.border{ border-color:rgb(253, 219, 216) }
```

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

Here you see how a box with a 4 pixel rgb(253, 219, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 219,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2342, 76.5036, 75.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 219, 216) }
```

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

```
.background{ background-color: rgb(253,  
219, 216) }
```

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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