

Converting Colors

XYZ(78.9685, 76.4674, 76.9334)

Have a look what the booklet for
XYZ(78.9685, 76.4674, 76.9334)
contains.

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Color

**XYZ(78.9663, 76.4648,
76.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDADA
RGB	255, 218, 218
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1451, 0.1451
CMYK	0.00, 0.15, 0.15, 0.00
HSL	0°, 100%, 93%
HSV	0°, 15%, 100%
XYZ	78.9663, 76.4648, 76.9269
YIQ	229.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 218, 218
Decimal	16767706
CIE Lab	90.07, 12.82, 4.76
CIE LCh	90, 13.679, 20.354
Yxy	76.4648, 0.3398, 0.3291
Android (android.graphics.Color)	4294957786 (0xFFFFDADA)
YUV	229.0630, -5.4541, 22.7467
Hunter-Lab	87.4442, 8.1669, 9.0519

Details

The XYZ color **78.9663, 76.4648, 76.9269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.7224, 93.6427, 108.3227**, and the grayscale version is **74.5517, 78.4341, 85.4148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9968, 40.8445, 40.2679** is the 20% darker color. If you saturate the color by 10%, you get **69.7718, 63.0114, 58.6461**, and if you desaturate by 10%, it is **89.6949, 92.1641, 98.2537**.

Distribution



Red (100%)

Green (85%)

Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9663, 76.4648, 76.9269 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 78.9663, 76.4648, 76.9269 by changing the saturation by 10% instead.


 78.9663, 76.4648,
76.9269

 78.9663, 76.4648,
76.9269

480.2321,
482.9373, 503.9458

 59.1736, 56.8137,
56.6817


130.8696,
128.3837, 130.8084

 42.9998, 40.8557,
40.3421


163.7109,
161.4203, 165.2817

 30.0795, 28.2064,
27.4895


201.6325,
199.6876, 205.3348

 20.0473, 18.4813,
17.7055

244.9998,
243.5699, 251.3862

 12.5379, 11.2961,
10.5715

294.1780,
293.4516, 303.8544

 7.1859, 6.2663,
5.6690

349.5325,

 3.6260, 3.0077,

349.7172, 363.1581

2.5794

411.4288,
412.7509, 429.7157

■ 1.4928, 1.1358,
0.8818

■ 0.3209, 0.0083,
0.0000

■ 78.9663, 76.4648,
76.9269

■ 78.9663, 76.4648,
76.9269

■ 69.7718, 63.0114,
58.6461

■ 89.6949, 92.1641,
98.2537

■ 62.0362, 51.6921,
43.2679

95.0500, 100.0000,
108.9000

■ 55.6862, 42.4003,
30.6445

■ 50.6401, 35.0161,
20.6132

■ 46.8073, 29.4075,
12.9944

■ 44.0859, 25.4252,
7.5852

■ 42.3576, 22.8958,
4.1502

■ 41.4767, 21.6066,
2.4000

■ 41.2403, 21.2607,
1.9301

Harmonies

Analogous

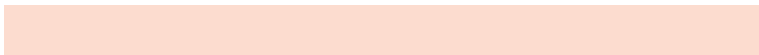
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2998, 76.4648, 86.4267



78.9663, 76.4648, 76.9269



76.9193, 76.4648, 69.6850

Triad

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



78.9663, 76.4648, 76.9269



67.7696, 76.4648, 71.8976



71.5900, 76.4648, 103.0657

Complementary

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



78.9663, 76.4648, 76.9269



82.7224, 93.6427, 108.3227

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.



68.5946, 76.4648, 98.4862



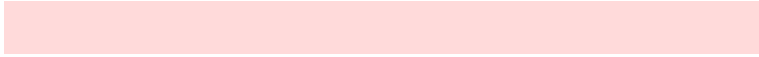
78.9663, 76.4648, 76.9269



66.4346, 76.4648, 80.1661

Square

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



78.9663, 76.4648, 76.9269



70.4322, 76.4648, 66.9419



66.7318, 76.4648, 89.9255



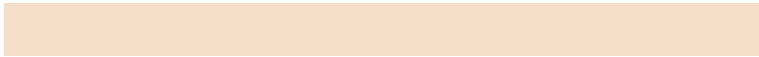
74.9701, 76.4648, 102.0289

Rectangle

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



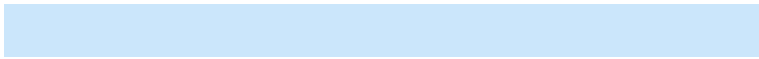
78.9663, 76.4648, 76.9269



74.8927, 76.4648, 66.8735



66.7318, 76.4648, 89.9255



70.5065, 76.4648, 102.1194

Sweetspot

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



78.9681, 76.4681, 76.9285



90.2832, 93.0250, 99.4234



84.3618, 78.6236, 105.3373



19.1386, 19.6394, 20.9114



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.



78.9681, 76.4681, 76.9285



76.5370, 72.9107, 72.0954



84.0349, 86.6017, 78.6174



18.0096, 17.9875, 18.6670



21.5490, 11.1093, 1.0086



2.0982, 1.0818, 0.0982

Inverse Universe

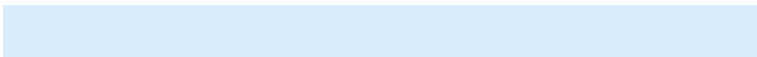
The Inverse Universe completely reimagines the original color for something new.



82.7224, 93.6427, 108.3227



80.8589, 92.6816, 108.2354



77.1038, 82.4054, 106.4498



18.5547, 20.4811, 23.2253



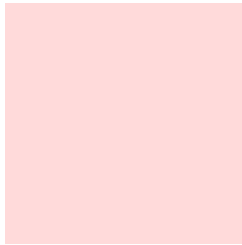
28.1117, 41.1329, 55.8924



2.7372, 4.0051, 5.4421

Previews

White Background



This preview shows how the XYZ color 78.9663, 76.4648, 76.9269 looks on a white background.

Color Contrast Check

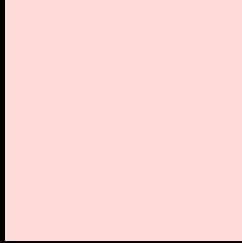
Large Text (above 18pt) WCAG AA × Fail

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 78.9663, 76.4648, 76.9269 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 78.9663, 76.4648, 76.9269

Background



This preview shows how black text looks on a background with the XYZ color 78.9663, 76.4648, 76.9269.

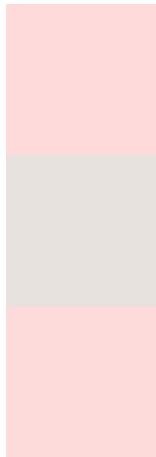


This preview shows how white text looks on a background with the XYZ color 78.9663, 76.4648,

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

78.9663, 76.4648, 76.9269

Protanopia

73.6599, 76.8224, 80.0532

Deuteranopia

78.1313, 76.4204, 76.9623



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

78.9663, 76.4648, 76.9269

Protanomaly

75.3740, 76.5211, 79.2040

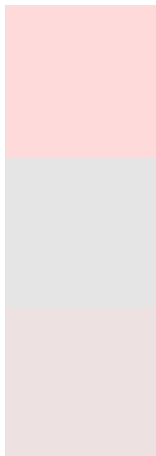
Deuteranomaly

78.4944, 76.6076, 76.9793

Tritanomaly

79.9180, 76.4318, 83.2137

Monochromacy



Original Color

78.9663, 76.4648, 76.9269

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.7757, 77.4638, 82.1924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9663, 76.4648, 76.9269 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(255, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 218)  
}
```

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(255, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.9663, 76.4648, 76.9269 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(255, 218, 218) }
```


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

```
.border{ border-color:rgb(255, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9663, 76.4648, 76.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 218) }
```

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

```
.background{ background-color: rgb(255,  
218, 218) }
```

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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