

Converting Colors

XYZ(78.7309, 76.5995, 80.3096)

Have a look what the booklet for
XYZ(78.7309, 76.5995, 80.3096)
contains.

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Color

**XYZ(78.7957, 76.6862,
80.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDBDF
RGB	252, 219, 223
RGB Percent	99%, 86%, 87%
CMY	0.0118, 0.1412, 0.1255
CMYK	0.00, 0.13, 0.12, 0.01
HSL	353°, 85%, 92%
HSV	353°, 13%, 99%
XYZ	78.7957, 76.6862, 80.4610
YIQ	229.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

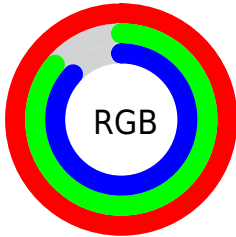
Format	Color
R_{YB}	252, 219, 223
Decimal	16571359
CIE _{Lab}	90.18, 12.05, 2.25
CIE _{LCh}	90, 12.253, 10.568
Yxy	76.6862, 0.3340, 0.3250
Android (android.graphics.Color)	4294761439 (0xFFFCDBDF)
YUV	229.3230, -3.1172, 19.8877
Hunter-Lab	87.5707, 7.3649, 6.8231

Details

The XYZ color **78.7957, 76.6862, 80.4610** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9701, 91.4601, 102.1974**, and the grayscale version is **74.7285, 78.6202, 85.6174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8490, 40.9802, 42.6974** is the 20% darker color. If you saturate the color by 10%, you get **69.9192, 63.4030, 63.7206**, and if you desaturate by 10%, it is **89.0624, 92.1229, 99.5937**.

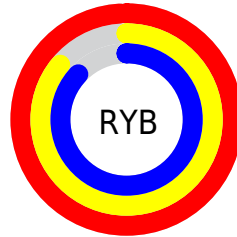
Distribution



Red (99%)

Green (86%)

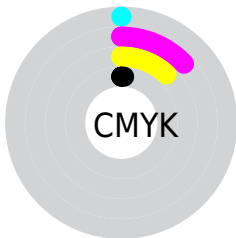
Blue (87%)



Red (99%)

Yellow (86%)

Blue (87%)

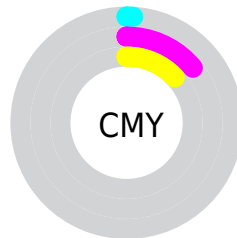


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7957, 76.6862, 80.4610 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 78.7957, 76.6862, 80.4610 by changing the saturation by 10% instead.


 78.7957, 76.6862,
80.4610

 78.7957, 76.6862,
80.4610


479.6635,
483.6935, 516.2328

 59.0329, 56.9954,
59.5694


130.6307,
128.6964, 135.8309

 42.8861, 41.0015,
42.6486


163.4335,
161.7846, 171.1463

 29.9899, 28.3203,
29.2802


201.3138,
200.1074, 212.1067

 19.9789, 18.5672,
19.0455

244.6368,
244.0491, 259.1307

 12.4879, 11.3580,
11.5260

293.7679,
293.9941, 312.6367

 7.1514, 6.3082,
6.3032

349.0725,

 3.6042, 3.0334,

350.3270, 373.0434

2.9585

410.9159,
413.4319, 440.7692

■ 1.4807, 1.1492,
1.0735

■ 0.3127, 0.0196,
0.0000

■ 78.7957, 76.6862,
80.4610

■ 78.7957, 76.6862,
80.4610

■ 69.9192, 63.4030,
63.7206

■ 89.0624, 92.1229,
99.5937

■ 62.3668, 52.1678,
49.2737

■ 93.9553, 99.4356,
108.8488

■ 56.0767, 42.8818,
37.0214

■ 50.9795, 35.4336,
26.8561

■ 46.9992, 29.7009,
18.6607

■ 44.0508, 25.5465,
12.3068

■ 42.0371, 22.8117,
7.6503

■ 40.8415, 21.3050,
4.5253

■ 40.3863, 20.7920,
3.1478

Harmonies

Analogous

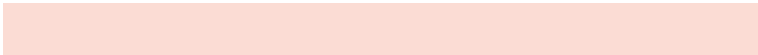
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5493, 76.6862, 89.2014



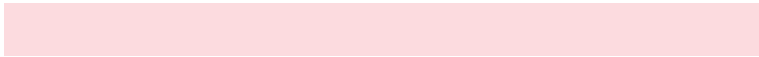
78.7957, 76.6862, 80.4610



77.4261, 76.6862, 73.0622

Triad

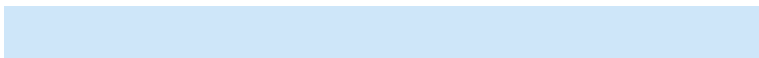
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7957, 76.6862, 80.4610



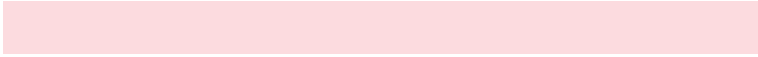
69.1466, 76.6862, 71.3986



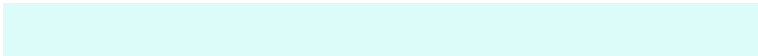
70.9575, 76.6862, 100.3283

Complementary

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



78.7957, 76.6862, 80.4610



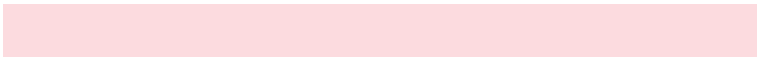
80.9701, 91.4601, 102.1974

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.



68.5306, 76.6862, 94.8835



78.7957, 76.6862, 80.4610



67.5054, 76.6862, 78.0435

Square

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



78.7957, 76.6862, 80.4610



71.8196, 76.6862, 68.0771



67.2831, 76.6862, 86.6110



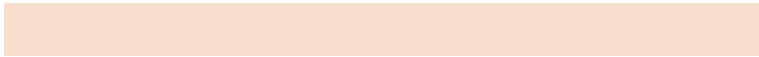
73.9669, 76.6862, 101.0883

Rectangle

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



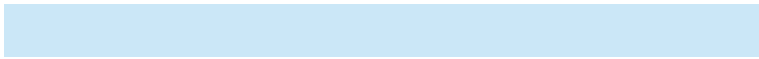
78.7957, 76.6862, 80.4610



75.8027, 76.6862, 69.7307



67.2831, 76.6862, 86.6110



70.0488, 76.6862, 98.9683

Sweetspot

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



78.7978, 76.6896, 80.4626



90.4719, 93.0998, 100.4188



81.4743, 77.5782, 102.7763



19.1861, 19.6582, 21.1621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

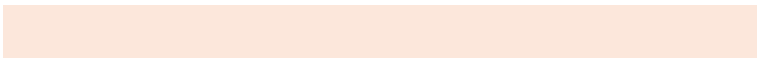
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7978, 76.6896, 80.4626



78.1419, 74.5763, 77.3911



81.5373, 83.0206, 78.7491



17.3301, 17.2594, 18.3281



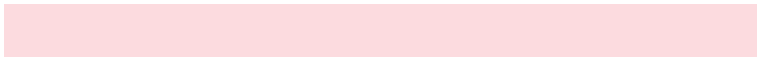
21.0651, 10.8418, 1.7852



1.9774, 1.0147, 0.3045

Inverse Universe

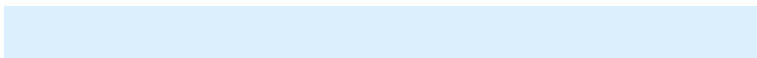
The Inverse Universe completely reimagines the original color for something new.



78.7978, 76.6896, 80.4626



78.1419, 74.5763, 77.3911



77.9176, 84.3523, 104.2713



17.3301, 17.2594, 18.3281



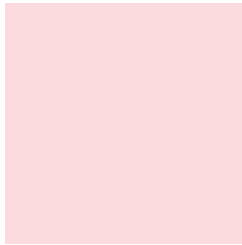
21.0651, 10.8418, 1.7852



1.9774, 1.0147, 0.3045

Previews

White Background



This preview shows how the XYZ color 78.7957, 76.6862, 80.4610 looks on a white background.

Color Contrast Check

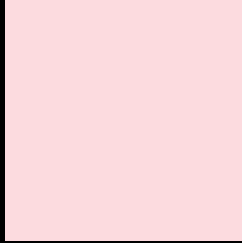
Large Text (above 18pt) WCAG AA × Fail

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 78.7957, 76.6862, 80.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

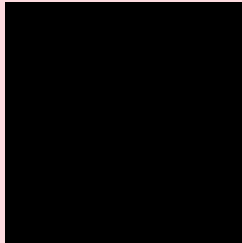
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7957, 76.6862, 80.4610

Background



This preview shows how black text looks on a background with the XYZ color 78.7957, 76.6862, 80.4610.



This preview shows how white text looks on a background with the XYZ color 78.7957, 76.6862,

80.4610.

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

78.7957, 76.6862, 80.4610

Protanopia

74.0165, 76.9277, 83.6205

Deuteranopia

78.3368, 76.8381, 80.5145



Tritanopia

80.1721, 76.4489, 88.3725

Trichromacy



Original Color

78.7957, 76.6862, 80.4610

Protanomaly

75.7117, 76.6171, 82.7496

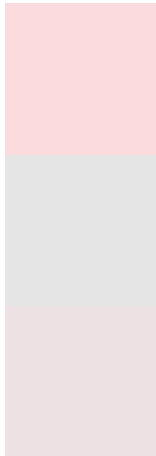
Deuteranomaly

78.6961, 77.0233, 80.5313

Tritanomaly

79.8623, 76.7386, 85.4657

Monochromacy



Original Color

78.7957, 76.6862, 80.4610

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.7154, 77.4010, 83.6223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7957, 76.6862, 80.4610 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(252, 219, 223) looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 223)  
}
```

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(252, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 223) }
```

Border

The CSS property to change the border of an element to XYZ 78.7957, 76.6862, 80.4610 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(252, 219, 223) }
```


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

```
.border{ border-color:rgb(252, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7957, 76.6862, 80.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 223) }
```

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

```
.background{ background-color: rgb(252,  
219, 223) }
```

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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