

Converting Colors

XYZ(76.7488, 76.8034, 80.5915)

Have a look what the booklet for
XYZ(76.7488, 76.8034, 80.5915)
contains.

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Color

**XYZ(76.7488, 76.8034,
80.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DEDF
RGB	244, 222, 223
RGB Percent	96%, 87%, 87%
CMY	0.0431, 0.1294, 0.1255
CMYK	0.00, 0.09, 0.09, 0.04
HSL	357°, 50%, 91%
HSV	357°, 9%, 96%
XYZ	76.7488, 76.8034, 80.5915
YIQ	228.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

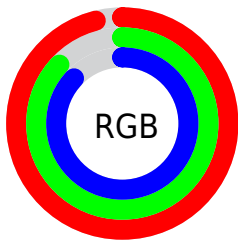
Format	Color
RYB	244, 222, 223
Decimal	16047839
CIELab	90.23, 7.71, 2.24
CIElCh	90, 8.029, 16.220
Yxy	76.8034, 0.3278, 0.3280
Android (android.graphics.Color)	4294237919 (0xFFFF4DEDF)
YUV	228.6920, -2.8062, 13.4251
Hunter-Lab	87.6375, 2.9561, 6.8232

Details

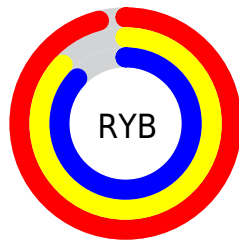
The XYZ color **76.7488, 76.8034, 80.5915** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.6555, 86.7040, 97.3883**, and the grayscale version is **74.2651, 78.1326, 85.0865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6256, 41.1560, 42.7958** is the 20% darker color. If you saturate the color by 10%, you get **67.8037, 63.5979, 63.1656**, and if you desaturate by 10%, it is **87.0682, 92.0642, 100.6093**.

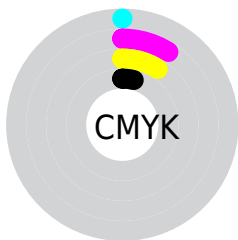
Distribution



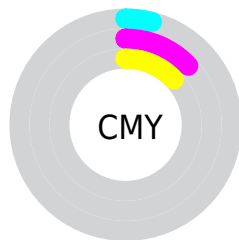
- Red (96%)
- Green (87%)
- Blue (87%)



- Red (96%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7488, 76.8034, 80.5915 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 76.7488, 76.8034, 80.5915 by changing the saturation by 10% instead.


 76.7488, 76.8034,
80.5915

 76.7488, 76.8034,
80.5915


472.8122,
484.0935, 516.6832

 57.3459, 57.0915,
59.6762


127.7596,
128.8619, 136.0159

 41.5243, 41.0787,
42.7341


160.0981,
161.9774, 171.3621

 28.9184, 28.3806,
29.3467


197.4794,
200.3295, 212.3557

 19.1631, 18.6128,
19.0954

240.2686,
244.3026, 259.4152

 11.8929, 11.3908,
11.5617

288.8311,
294.2812, 312.9592

 6.7425, 6.3303,
6.3271

343.5323,

 3.3465, 3.0470,

350.6496, 373.4061

2.9730

404.7376,
413.7922, 441.1747

■ 1.3395, 1.1563,
1.0809

■ 0.2125, 0.0256,
0.0000

■ 76.7488, 76.8034,
80.5915

■ 76.7488, 76.8034,
80.5915

■ 67.8037, 63.5979,
63.1656

■ 87.0682, 92.0642,
100.6093

■ 60.1688, 52.3502,
48.2209

■ 91.1186, 97.9733,
108.7160

■ 53.7846, 42.9704,
35.6462

■ 48.5843, 35.3573,
25.3196

■ 44.4951, 29.4002,
17.1086

■ 41.4361, 24.9760,
10.8668

■ 39.3153, 21.9444,
6.4292

■ 38.0243, 20.1396,
3.6038

■ 37.4096, 19.3154,
2.1490

Harmonies

Analogous

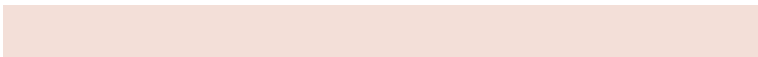
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7926, 76.8034, 86.2727



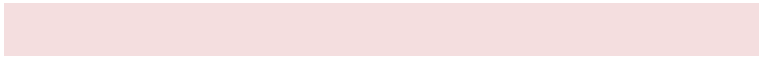
76.7488, 76.8034, 80.5915



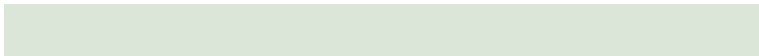
75.6885, 76.8034, 75.9345

Triad

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



76.7488, 76.8034, 80.5915



70.2619, 76.8034, 76.2454



72.0885, 76.8034, 94.7676

Complementary

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



76.7488, 76.8034, 80.5915



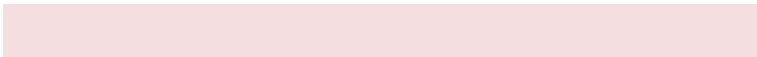
78.6555, 86.7040, 97.3883

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.



70.3746, 76.8034, 91.8198



76.7488, 76.8034, 80.5915



69.3331, 76.8034, 81.0336

Square

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



76.7488, 76.8034, 80.5915



71.9320, 76.8034, 73.5046



69.3740, 76.8034, 86.7354



74.0772, 76.8034, 94.6360

Rectangle

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



76.7488, 76.8034, 80.5915



74.5586, 76.8034, 73.9606



69.3740, 76.8034, 86.7354



71.4619, 76.8034, 94.0984

Sweetspot

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



76.7510, 76.8068, 80.5931



91.5041, 94.7543, 102.0267



79.3803, 77.8145, 96.4248



19.3879, 19.9889, 21.4543



0.0000, 0.0000, 0.0000



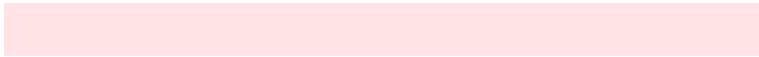
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7510, 76.8068, 80.5931



82.7295, 81.7845, 84.9845



79.3237, 82.1666, 80.7903



16.5295, 16.4947, 17.2691



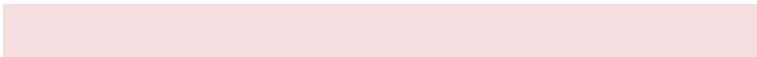
20.3323, 10.4764, 1.1925



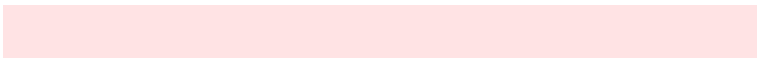
1.7975, 0.9250, 0.1600

Inverse Universe

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



76.7510, 76.8068, 80.5931



82.7295, 81.7845, 84.9845



75.9075, 80.9667, 97.2162



16.5295, 16.4947, 17.2691



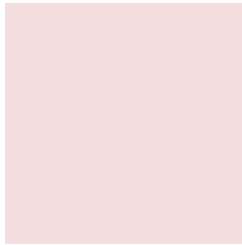
20.3323, 10.4764, 1.1925



1.7975, 0.9250, 0.1600

Previews

White Background



This preview shows how the XYZ color 76.7488, 76.8034, 80.5915 looks on a white background.

Color Contrast Check

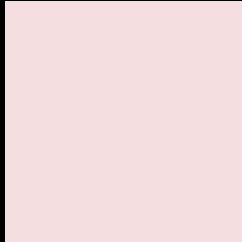
Large Text (above 18pt) WCAG AA × Fail

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 76.7488, 76.8034, 80.5915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

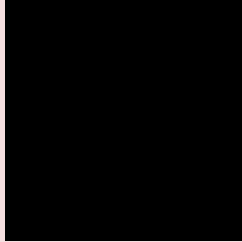
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

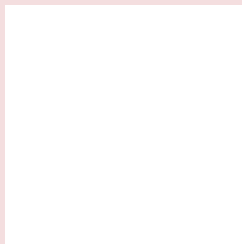
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7488, 76.8034, 80.5915

Background



This preview shows how black text looks on a background with the XYZ color 76.7488, 76.8034, 80.5915.



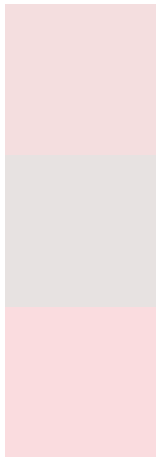
This preview shows how white text looks on a background with the XYZ color 76.7488, 76.8034,

80.5915.

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

76.7488, 76.8034, 80.5915

Protanopia

73.7420, 76.8179, 82.1749

Deuteranopia

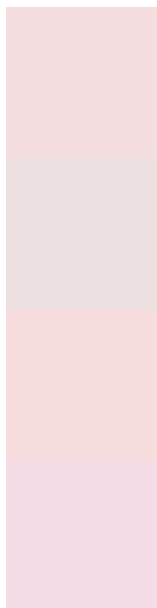
78.3368, 76.8381, 80.5145



Tritanopia

78.8853, 76.8937, 90.8050

Trichromacy



Original Color

76.7488, 76.8034, 80.5915

Protanomaly

74.9718, 77.0651, 81.4446

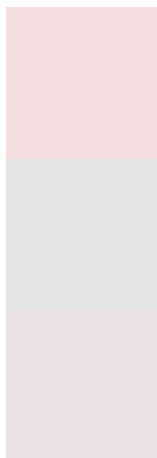
Deuteranomaly

77.8871, 76.9971, 80.5689

Tritanomaly

78.0781, 76.9516, 87.0819

Monochromacy



Original Color

76.7488, 76.8034, 80.5915

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9932, 77.4312, 83.6662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7488, 76.8034, 80.5915 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(244, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 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(244, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 76.7488, 76.8034, 80.5915 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(244, 222, 223) }
```


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

```
.border{ border-color:rgb(244, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7488, 76.8034, 80.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 223) }
```

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

```
.background{ background-color: rgb(244,  
222, 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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