

Converting Colors

XYZ(79.7388, 82.4971, 77.3665)

Have a look what the booklet for
XYZ(79.7388, 82.4971, 77.3665)
contains.

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Color

**XYZ(79.7388, 82.4971,
77.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E8D9
RGB	247, 232, 217
RGB Percent	97%, 91%, 85%
CMY	0.0314, 0.0902, 0.1490
CMYK	0.00, 0.06, 0.12, 0.03
HSL	30°, 65%, 91%
HSV	30°, 12%, 97%
XYZ	79.7388, 82.4971, 77.3665
YIQ	234.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

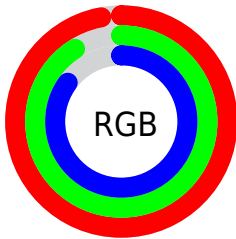
Format	Color
R_{YB}	247, 247, 217
Decimal	16247001
CIE Lab	92.79, 2.63, 9.11
CIE LCh	93, 9.480, 73.880
Yxy	82.4971, 0.3328, 0.3443
Android (android.graphics.Color)	4294437081 (0xFFFF7E8D9)
YUV	234.7750, -8.7631, 10.7213
Hunter-Lab	90.8279, -2.2418, 13.0768

Details

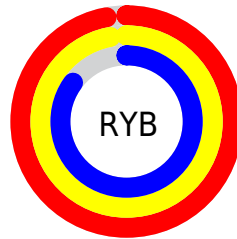
The XYZ color **79.7388, 82.4971, 77.3665** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.2602, 79.1790, 99.3658**, and the grayscale version is **78.8536, 82.9601, 90.3436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5328, 44.7357, 40.5228** is the 20% darker color. If you saturate the color by 10%, you get **73.4100, 74.6013, 60.5750**, and if you desaturate by 10%, it is **86.7972, 91.0809, 96.7755**.

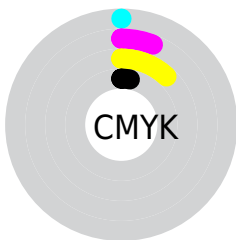
Distribution



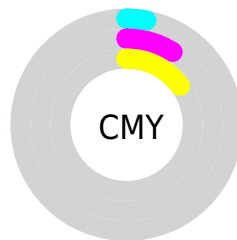
- Red (97%)
- Green (91%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7388, 82.4971, 77.3665 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 79.7388, 82.4971, 77.3665 by changing the saturation by 10% instead.


 79.7388, 82.4971,
77.3665

 79.7388, 82.4971,
77.3665


482.8021,
503.3090, 505.4835

 59.8112, 61.7754,
57.0404

131.9509,
136.8709, 131.4344

 43.5153, 44.8512,
40.6281


164.9661,
171.2917, 166.0133

 30.4859, 31.3403,
27.7111


203.0744,
211.0477, 206.1802

 20.3576, 20.8581,
17.8708

246.6414,
256.5233, 252.3536

 12.7650, 13.0203,
10.6888

296.0323,
308.1028, 304.9521

 7.3428, 7.4425,
5.7465

351.6125,

 3.7256, 3.7404,

366.1706, 364.3943

2.6253

413.7473,
431.1112, 431.0985

■ 1.5481, 1.5294,
0.9054

■ 0.3582, 0.3093,
0.0000

■ 79.7388, 82.4971,
77.3665

■ 79.7388, 82.4971,
77.3665

■ 73.4100, 74.6013,
60.5750

■ 86.7972, 91.0809,
96.7755

■ 67.7777, 67.3642,
46.2818

■ 92.1682, 98.5144,
108.7651

■ 62.8163, 60.7698,
34.3664

■ 58.4954, 54.7977,
24.6963

■ 54.7823, 49.4258,
17.1255

■ 51.6407, 44.6305,
11.4907

■ 49.0291, 40.3858,
7.6040

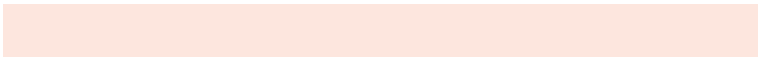
■ 46.8988, 36.6621,
5.2388

■ 45.5079, 34.0739,
4.1784

Harmonies

Analogous

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



81.8889, 82.4971, 80.7120



79.7388, 82.4971, 77.3665



77.2758, 82.4971, 77.2418

Triad

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



79.7388, 82.4971, 77.3665



73.8844, 82.4971, 93.1322



81.7537, 82.4971, 100.0040

Complementary

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



79.7388, 82.4971, 77.3665



74.2602, 79.1790, 99.3658

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.



79.5573, 82.4971, 103.7062



79.7388, 82.4971, 77.3665



75.0330, 82.4971, 99.6001

Square

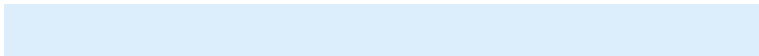
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7388, 82.4971, 77.3665



73.9307, 82.4971, 86.0967



77.0981, 82.4971, 103.5546



83.0688, 82.4971, 93.6600

Rectangle

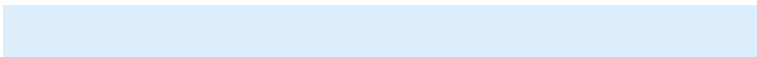
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7388, 82.4971, 77.3665



75.7898, 82.4971, 78.9863



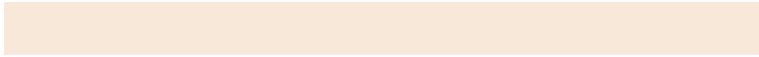
77.0981, 82.4971, 103.5546



81.0920, 82.4971, 101.6132

Sweetspot

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



79.7411, 82.5007, 77.3683



91.8459, 96.1504, 99.9443



77.7372, 75.2273, 86.7681



19.5329, 20.4281, 21.0429



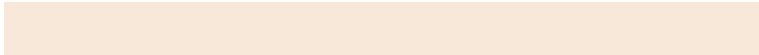
0.0000, 0.0000, 0.0000



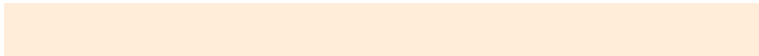
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7411, 82.5007, 77.3683



83.6930, 86.1789, 77.6984



84.1439, 91.3064, 78.8359



17.1839, 17.8520, 17.3377



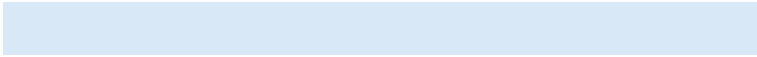
24.2095, 18.3046, 2.2572



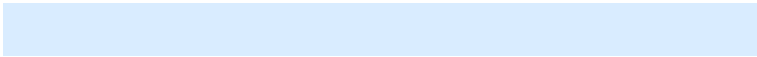
2.2305, 1.8143, 0.2326

Inverse Universe

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



74.2602, 79.1790, 99.3658



76.5489, 81.8491, 106.3716



70.2178, 71.0941, 98.0183



16.2655, 17.2954, 21.0236



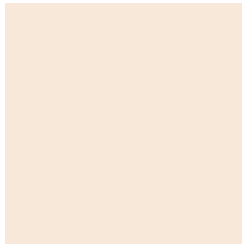
12.7974, 11.3886, 48.0618



1.2275, 1.2065, 4.2584

Previews

White Background



This preview shows how the XYZ color 79.7388, 82.4971, 77.3665 looks on a white background.

Color Contrast Check

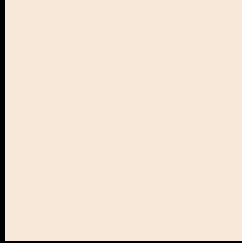
Large Text (above 18pt) WCAG AA × Fail

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 79.7388, 82.4971, 77.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

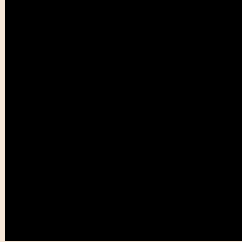
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7388, 82.4971, 77.3665

Background



This preview shows how black text looks on a background with the XYZ color 79.7388, 82.4971, 77.3665.



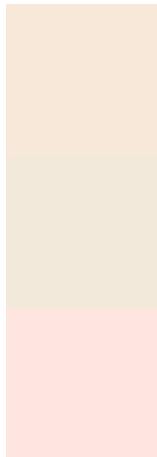
This preview shows how white text looks on a background with the XYZ color 79.7388, 82.4971,

77.3665.

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

79.7388, 82.4971, 77.3665

Protanopia

78.4118, 82.2170, 78.0664

Deuteranopia

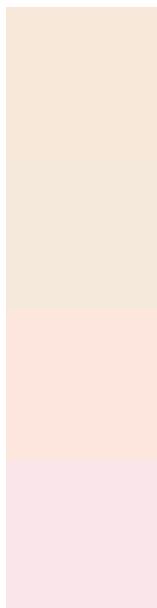
82.5786, 82.6263, 81.4082



Tritanopia

84.1616, 82.6499, 98.7060

Trichromacy



Original Color

79.7388, 82.4971, 77.3665

Protanomaly

79.1020, 82.5729, 78.0987

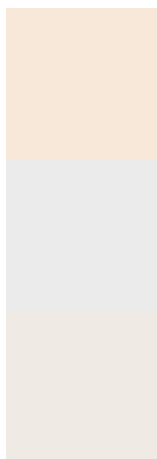
Deuteranomaly

81.4928, 82.5095, 80.0374

Tritanomaly

82.4390, 82.3608, 90.1495

Monochromacy



Original Color

79.7388, 82.4971, 77.3665

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0230, 82.7978, 85.2154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7388, 82.4971, 77.3665 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(247, 232, 217) looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 217)  
}
```

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(247, 232, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.7388, 82.4971, 77.3665 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(247, 232, 217) }
```


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

```
.border{ border-color:rgb(247, 232, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 232, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7388, 82.4971, 77.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 217) }
```

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

```
.background{ background-color: rgb(247,  
232, 217) }
```

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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