

Converting Colors

XYZ(77.9200, 79.7192, 79.0687)

Have a look what the booklet for
XYZ(77.9200, 79.7192, 79.0687)
contains.

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Color

**XYZ(77.9699, 79.8872,
79.0205)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E4DC
RGB	244, 228, 220
RGB Percent	96%, 89%, 86%
CMY	0.0431, 0.1059, 0.1372
CMYK	0.00, 0.07, 0.10, 0.04
HSL	20°, 52%, 91%
HSV	20°, 10%, 96%
XYZ	77.9699, 79.8872, 79.0205
YIQ	231.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

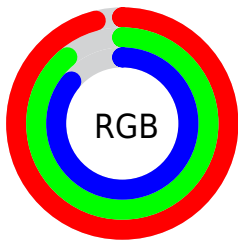
Format	Color
RYB	244, 232, 220
Decimal	16049372
CIELab	91.63, 4.12, 5.85
CIELCh	92, 7.150, 54.840
Yxy	79.8872, 0.3292, 0.3373
Android (android.graphics.Color)	4294239452 (0xFFFF4E4DC)
YUV	231.8720, -5.8529, 10.6363
Hunter-Lab	89.3796, -0.7008, 10.1475

Details

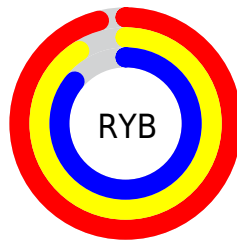
The XYZ color **77.9699, 79.8872, 79.0205** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.8396, 81.7368, 97.3684**, and the grayscale version is **76.6439, 80.6354, 87.8119**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4741, 43.2951, 41.7155** is the 20% darker color. If you saturate the color by 10%, you get **70.7065, 70.1595, 61.8026**, and if you desaturate by 10%, it is **86.1303, 90.6523, 98.8663**.

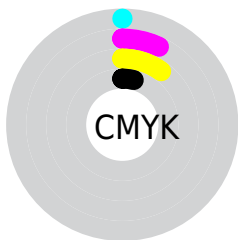
Distribution



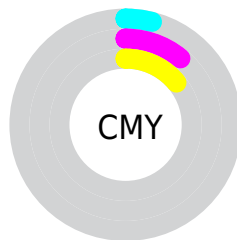
- Red (96%)
- Green (89%)
- Blue (86%)



- Red (96%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9699, 79.8872, 79.0205 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 77.9699, 79.8872, 79.0205 by changing the saturation by 10% instead.

77.9699, 79.8872,
79.0205

77.9699, 79.8872,
79.0205

476.9060,
494.5526, 511.2451

58.3519, 59.6255,
58.3912

129.4733,
133.2071, 133.7866

42.3360, 43.1169,
41.7065

162.0894,
167.0342, 168.7606

29.5568, 29.9768,
28.5477

199.7690,
206.1518, 209.3533

19.6488, 19.8210,
18.4963

242.8774,
250.9444, 255.9831

12.2468, 12.2650,
11.1338

291.7799,
301.7964, 309.0686

6.9854, 6.9244,
6.0416

346.8420,

3.4992, 3.4149,

359.0922, 369.0285

2.8012

408.4289,
423.2161, 436.2811

■ 1.4229, 1.3520,
0.9940

■ 0.2725, 0.1809,
0.0000

■ 77.9699, 79.8872,
79.0205

■ 77.9699, 79.8872,
79.0205

■ 70.7065, 70.1595,
61.8026

■ 86.1303, 90.6523,
98.8663

■ 64.3016, 61.4275,
47.0965

■ 91.1186, 97.9733,
108.7160

■ 58.7235, 53.6617,
34.7848

■ 53.9359, 46.8274,
24.7388

■ 49.8995, 40.8876,
16.8177

■ 46.5714, 35.8028,
10.8644

■ 43.9037, 31.5297,
6.6999

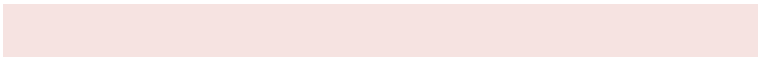
■ 41.8409, 28.0207,
4.1117

■ 40.3014, 25.2154,
2.7544

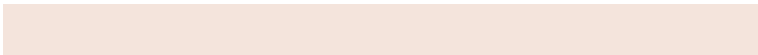
Harmonies

Analogous

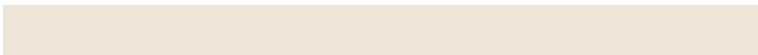
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1608, 79.8872, 82.8282



77.9699, 79.8872, 79.0205



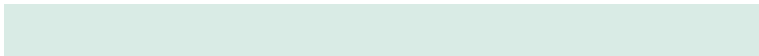
76.2466, 79.8872, 77.3500

Triad

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



77.9699, 79.8872, 79.0205



72.4876, 79.8872, 86.0825



77.4146, 79.8872, 96.4297

Complementary

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



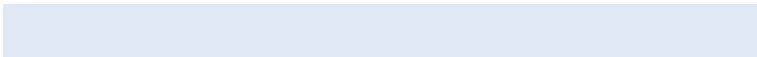
77.9699, 79.8872, 79.0205



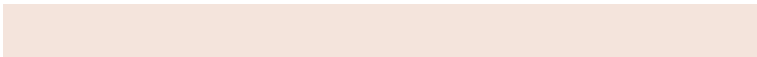
75.8396, 81.7368, 97.3684

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.



75.6151, 79.8872, 97.3855



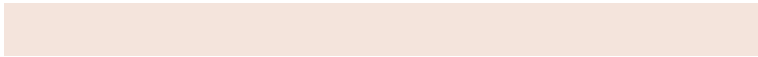
77.9699, 79.8872, 79.0205



72.7891, 79.8872, 91.2756

Square

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



77.9699, 79.8872, 79.0205



73.0965, 79.8872, 81.3216



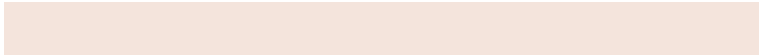
73.9268, 79.8872, 95.4644



78.8366, 79.8872, 92.9025

Rectangle

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



77.9699, 79.8872, 79.0205



75.0349, 79.8872, 77.6228



73.9268, 79.8872, 95.4644



76.8330, 79.8872, 97.0682

Sweetspot

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



77.9721, 79.8907, 79.0222



92.2375, 96.3070, 102.0068



78.0428, 76.4768, 90.0061



19.5851, 20.4062, 21.4491



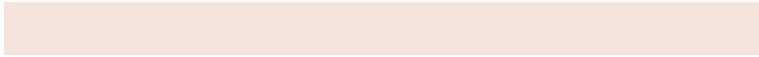
0.0000, 0.0000, 0.0000



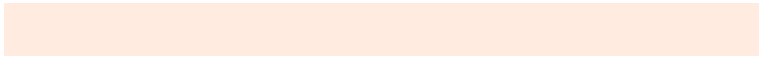
20.3446, 21.4041, 23.3091

Same Dimension

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



77.9721, 79.8907, 79.0222



84.3444, 85.8546, 82.9319



81.3875, 86.7216, 80.1607



16.9507, 17.3855, 17.2599



22.0133, 13.9123, 1.5251



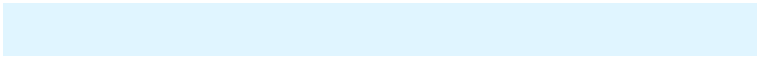
2.0254, 1.4041, 0.1643

Inverse Universe

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



75.8396, 81.7368, 97.3684



81.5049, 88.3118, 107.3579



72.5011, 75.0598, 96.2556



16.5040, 17.7722, 21.1031



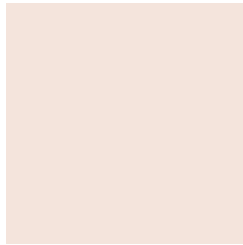
16.0948, 17.9835, 49.1609



1.5088, 1.7691, 4.3522

Previews

White Background



This preview shows how the XYZ color 77.9699, 79.8872, 79.0205 looks on a white background.

Color Contrast Check

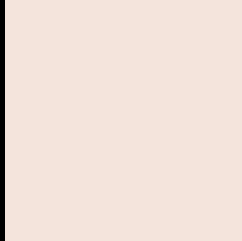
Large Text (above 18pt) WCAG AA × Fail

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 77.9699, 79.8872, 79.0205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

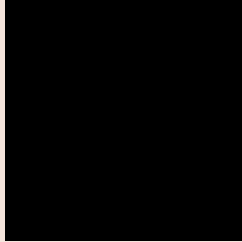
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

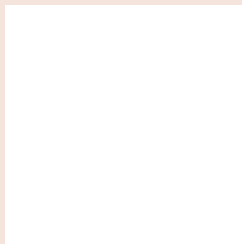
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9699, 79.8872, 79.0205

Background



This preview shows how black text looks on a background with the XYZ color 77.9699, 79.8872, 79.0205.



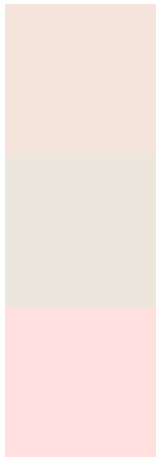
This preview shows how white text looks on a background with the XYZ color 77.9699, 79.8872,

79.0205.

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

77.9699, 79.8872, 79.0205

Protanopia

76.2730, 79.8186, 79.7931

Deuteranopia

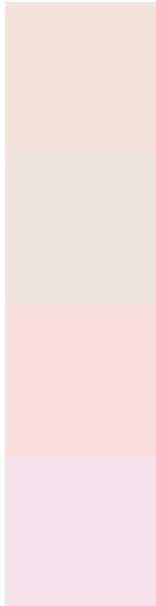
81.0805, 79.8452, 80.2455



Tritanopia

81.3100, 80.0354, 95.1673

Trichromacy



Original Color

77.9699, 79.8872, 79.0205

Protanomaly

77.0056, 79.7843, 79.7479

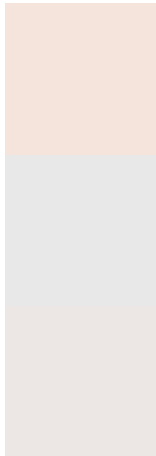
Deuteranomaly

79.7600, 79.5801, 79.5633

Tritanomaly

80.0537, 79.9261, 89.0499

Monochromacy



Original Color

77.9699, 79.8872, 79.0205

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1716, 80.5861, 84.8861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9699, 79.8872, 79.0205 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, 228, 220) looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 220)  
}
```

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, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 220) }
```

Border

The CSS property to change the border of an element to XYZ 77.9699, 79.8872, 79.0205 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, 228, 220) }
```


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

```
.border{ border-color:rgb(244, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9699, 79.8872, 79.0205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 220) }
```

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

```
.background{ background-color: rgb(244,  
228, 220) }
```

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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