

Converting Colors

XYZ(80.0063, 77.7212, 96.8154)

Have a look what the booklet for
XYZ(80.0063, 77.7212, 96.8154)
contains.

XYZ(79.9941, 77.7180, 97.1711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.9941, 77.7180,
97.1711)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DDF5
RGB	245, 221, 245
RGB Percent	96%, 87%, 96%
CMY	0.0392, 0.1333, 0.0392
CMYK	0.00, 0.10, 0.00, 0.04
HSL	300°, 55%, 91%
HSV	300°, 10%, 96%
XYZ	79.9941, 77.7180, 97.1711
YIQ	230.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

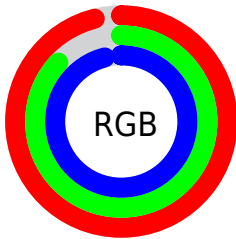
Format	Color
R _Y B	245, 221, 245
Decimal	16113141
CIE Lab	90.65, 12.37, -8.67
CIE LCh	91, 15.109, 324.963
Yxy	77.7180, 0.3138, 0.3049
Android (android.graphics.Color)	4294303221 (0xFFF5DDF5)
YUV	230.9120, 6.9454, 12.3552
Hunter-Lab	88.1578, 7.6941, -3.6414

Details

The XYZ color **79.9941, 77.7180, 97.1711** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5254, 85.8996, 81.0105**, and the grayscale version is **75.8387, 79.7882, 86.8894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8078, 41.7654, 53.8967** is the 20% darker color. If you saturate the color by 10%, you get **73.9925, 65.7137, 95.1713**, and if you desaturate by 10%, it is **86.9441, 91.6168, 99.4889**.

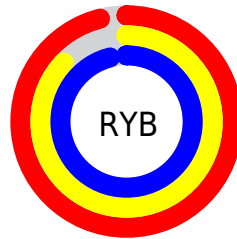
Distribution



Red (96%)

Green (87%)

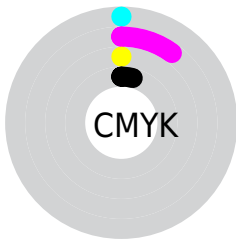
Blue (96%)



Red (96%)

Yellow (87%)

Blue (96%)

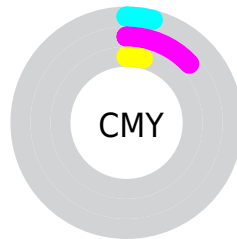


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.9941, 77.7180, 97.1711 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 79.9941, 77.7180, 97.1711 by changing the saturation by 10% instead.


 79.9941, 77.7180,
97.1711

 79.9941, 77.7180,
97.1711


483.6498,
487.2086, 572.2533

 60.0219, 57.8424,
73.3365


132.3080,
130.1525, 159.2820

 43.6859, 41.6819,
53.7576


165.3805,
163.4802, 198.3953

 30.6205, 28.8523,
38.0161


203.5504,
202.0606, 243.4385

 20.4604, 18.9691,
25.6932


247.1832,
246.2783, 294.8303

 12.8404, 11.6480,
16.3706

296.6442,
296.5175, 352.9891

 7.3950, 6.5045,
9.6296

352.2987,

 3.7588, 3.1542,

353.1627, 418.3336

5.0517

414.5121,
416.5983, 491.2821

■ 1.5666, 1.2127,
2.2183

■ 0.3705, 0.0721,
0.6849

■ 79.9941, 77.7180,
97.1711

■ 79.9941, 77.7180,
97.1711

■ 73.9925, 65.7137,
95.1713

■ 86.9441, 91.6168,
99.4889

■ 68.8919, 55.5125,
93.4709

■ 89.8985, 97.5255,
100.4739

■ 64.6508, 47.0303,
92.0570

■ 89.8985, 97.5255,
100.4741

■ 61.2218, 40.1725,
90.9138

■ 89.8986, 97.5255,
100.4743

58.5533, 34.8355,
90.0241

89.8986, 97.5255,
100.4745

56.5873, 30.9035,
89.3686

89.8986, 97.5255,
100.4747

55.2577, 28.2444,
88.9252

89.8987, 97.5255,
100.4749

54.4858, 26.7008,
88.6678

89.8987, 97.5256,
100.4751

54.1435, 26.0162,
88.5535

89.8988, 97.5256,
100.4753

Harmonies

Analogous

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



76.9853, 77.7180, 104.9761



79.9941, 77.7180, 97.1711



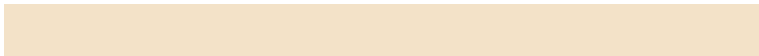
81.3641, 77.7180, 86.4665

Triad

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



79.9941, 77.7180, 97.1711



74.5100, 77.7180, 65.4972



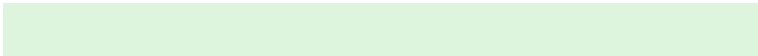
67.4603, 77.7180, 93.7337

Complementary

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



79.9941, 77.7180, 97.1711



75.5254, 85.8996, 81.0105

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.



66.8482, 77.7180, 82.8033



79.9941, 77.7180, 97.1711



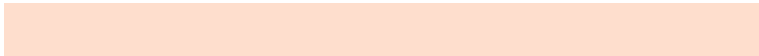
70.8372, 77.7180, 67.0846

Square

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



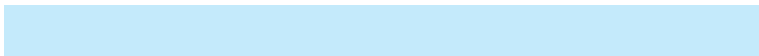
79.9941, 77.7180, 97.1711



78.1296, 77.7180, 68.6658



68.0641, 77.7180, 73.2021



69.7655, 77.7180, 102.8756

Rectangle

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



79.9941, 77.7180, 97.1711



81.1310, 77.7180, 79.3495



68.0641, 77.7180, 73.2021



67.0532, 77.7180, 90.1224

Sweetspot

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



79.9964, 77.7214, 97.1728



92.6579, 95.2158, 108.1026



72.1602, 73.6817, 96.8063



19.6992, 20.1134, 23.0939



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.



79.9964, 77.7214, 97.1728



86.0532, 82.0066, 105.9008



78.2232, 77.0121, 87.8356



17.2137, 16.7683, 20.8719



29.1648, 14.0094, 47.7039



2.5633, 1.2313, 4.1927

Inverse Universe

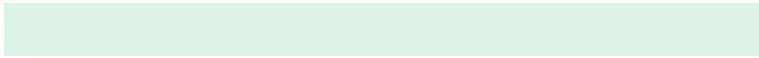
The Inverse Universe completely reimagines the original color for something new.



79.9964, 77.7214, 97.1728



86.0532, 82.0066, 105.9008



77.1820, 86.5623, 89.7338



17.2137, 16.7683, 20.8719



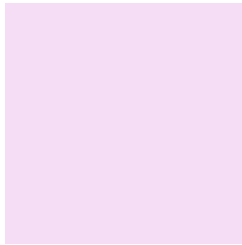
29.1648, 14.0094, 47.7039



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 79.9941, 77.7180, 97.1711 looks on a white background.

Color Contrast Check

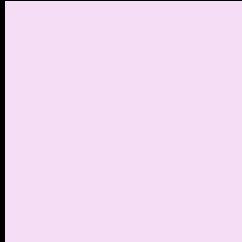
Large Text (above 18pt) WCAG AA × Fail

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 79.9941, 77.7180, 97.1711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

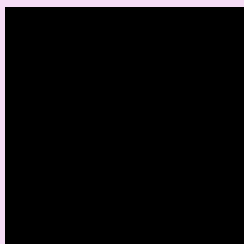
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9941, 77.7180, 97.1711

Background



This preview shows how black text looks on a background with the XYZ color 79.9941, 77.7180, 97.1711.



This preview shows how white text looks on a background with the XYZ color 79.9941, 77.7180,

97.1711.

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

79.9941, 77.7180, 97.1711

Protanopia

75.9320, 77.9465, 100.6657

Deuteranopia

79.5649, 77.8898, 97.2269



Tritanopia

79.0095, 77.7076, 92.4962

Trichromacy



Original Color

79.9941, 77.7180, 97.1711

Protanomaly

77.4728, 77.9514, 99.7698

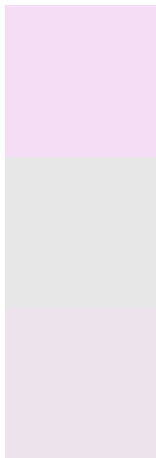
Deuteranomaly

79.9109, 78.0682, 97.2431

Tritanomaly

79.3067, 77.8265, 94.0612

Monochromacy



Original Color

79.9941, 77.7180, 97.1711

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.2015, 78.8272, 90.5031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9941, 77.7180, 97.1711 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(245, 221, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 221, 245)  
}
```

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(245, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 221, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.9941, 77.7180, 97.1711 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(245, 221, 245) }
```


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

```
.border{ border-color:rgb(245, 221, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 221, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 221,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9941, 77.7180, 97.1711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 221, 245) }
```

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

```
.background{ background-color: rgb(245,  
221, 245) }
```

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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