

Converting Colors

XYZ(78.9769, 78.8352, 76.7692)

Have a look what the booklet for
XYZ(78.9769, 78.8352, 76.7692)
contains.

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Color

**XYZ(78.9637, 78.8303,
76.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE0D9
RGB	251, 224, 217
RGB Percent	98%, 88%, 85%
CMY	0.0157, 0.1215, 0.1490
CMYK	0.00, 0.11, 0.14, 0.02
HSL	12°, 81%, 92%
HSV	12°, 14%, 98%
XYZ	78.9637, 78.8303, 76.6996
YIQ	231.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

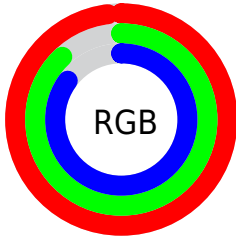
Format	Color
R _Y B	251, 226, 217
Decimal	16507097
CIE Lab	91.16, 8.15, 6.80
CIE LCh	91, 10.616, 39.833
Yxy	78.8303, 0.3367, 0.3362
Android (android.graphics.Color)	4294697177 (0xFFFBE0D9)
YUV	231.2750, -7.0376, 17.2988
Hunter-Lab	88.7864, 3.3757, 10.9319

Details

The XYZ color **78.9637, 78.8303, 76.6996** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3781, 86.4163, 103.8166**, and the grayscale version is **76.2035, 80.1720, 87.3073**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9577, 42.4539, 40.1127** is the 20% darker color. If you saturate the color by 10%, you get **70.8987, 67.5332, 59.1104**, and if you desaturate by 10%, it is **88.1575, 91.5886, 97.1165**.

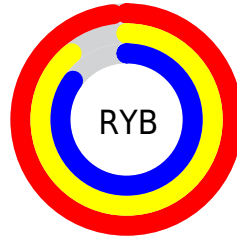
Distribution



Red (98%)

Green (88%)

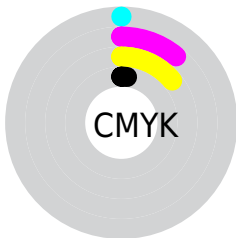
Blue (85%)



Red (98%)

Yellow (89%)

Blue (85%)

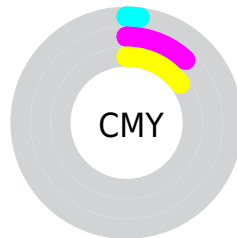


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9637, 78.8303, 76.6996 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 78.9637, 78.8303, 76.6996 by changing the saturation by 10% instead.


 78.9637, 78.8303,
76.6996

 78.9637, 78.8303,
76.6996


480.2234,
490.9821, 503.1496

 59.1715, 58.7563,
56.4963


130.8660,
131.7199, 130.4845

 42.9981, 42.4170,
40.1943


163.7067,
165.3043, 164.9031

 30.0781, 29.4279,
27.3751


201.6277,
204.1610, 204.8973

 20.0463, 19.4048,
17.6202

244.9942,
248.6743, 250.8855

 12.5371, 11.9631,
10.5111

294.1717,
299.2287, 303.2863

 7.1854, 6.7186,
5.6291

349.5255,

 3.6257, 3.2867,

356.2085, 362.5182

2.5558

411.4210,
419.9982, 428.9998

■ 1.4926, 1.2832,
0.8695

■ 0.3208, 0.1281,
0.0000

■ 78.9637, 78.8303,
76.6996

■ 78.9637, 78.8303,
76.6996

■ 70.8987, 67.5332,
59.1104

■ 88.1575, 91.5886,
97.1165

■ 63.9119, 57.6346,
44.2191

■ 93.5940, 99.2494,
108.8319

■ 57.9587, 49.0828,
31.8930

■ 52.9887, 41.8188,
21.9860

■ 48.9470, 35.7793,
14.3376

■ 45.7731, 30.8953,
8.7674

■ 43.3990, 27.0906,
5.0671

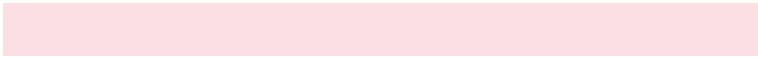
■ 41.7449, 24.2792,
2.9843

■ 40.9991, 22.9396,
2.2669

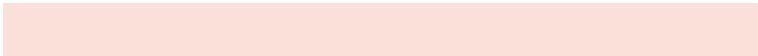
Harmonies

Analogous

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



80.1326, 78.8303, 83.3307



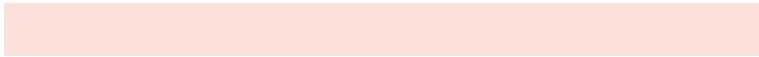
78.9637, 78.8303, 76.6996



76.7212, 78.8303, 72.6793

Triad

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



78.9637, 78.8303, 76.6996



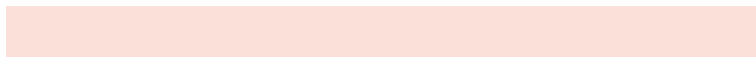
70.1800, 78.8303, 80.8319



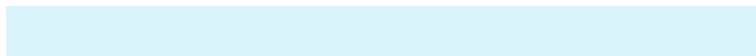
75.8116, 78.8303, 101.2528

Complementary

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



78.9637, 78.8303, 76.6996



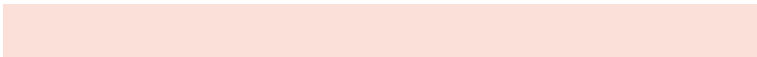
78.3781, 86.4163, 103.8166

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.



73.1587, 78.8303, 100.4846



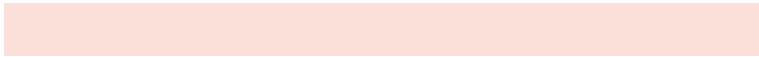
78.9637, 78.8303, 76.6996



69.9497, 78.8303, 88.3845

Square

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



78.9637, 78.8303, 76.6996



71.6650, 78.8303, 74.9644



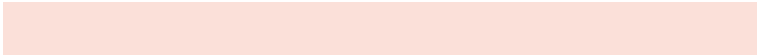
71.0280, 78.8303, 95.6637



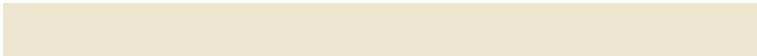
78.2842, 78.8303, 97.7040

Rectangle

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



78.9637, 78.8303, 76.6996



74.9409, 78.8303, 71.8704



71.0280, 78.8303, 95.6637



74.9107, 78.8303, 101.4956

Sweetspot

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



78.9659, 78.8338, 76.7013



90.9215, 94.3016, 99.6362



80.9570, 76.6798, 96.2819



19.2994, 19.9610, 20.9651



0.0000, 0.0000, 0.0000



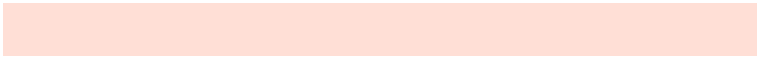
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9659, 78.8338, 76.7013



79.6856, 78.6900, 74.7411



83.7050, 88.3122, 78.2810



17.5342, 17.8043, 17.9748



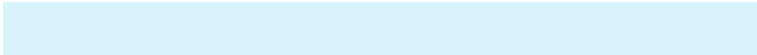
21.6333, 12.2234, 1.2191



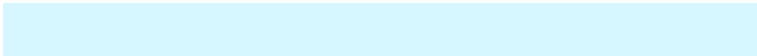
2.0758, 1.2764, 0.1370

Inverse Universe

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



78.3781, 86.4163, 103.8166



78.9769, 87.8200, 107.3962



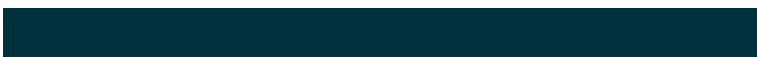
73.5527, 76.7655, 102.2081



17.4444, 18.9656, 22.1266



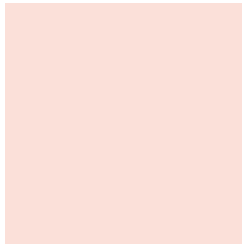
20.0312, 25.4179, 51.8239



1.9290, 2.5017, 4.8244

Previews

White Background



This preview shows how the XYZ color 78.9637, 78.8303, 76.6996 looks on a white background.

Color Contrast Check

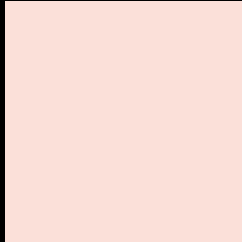
Large Text (above 18pt) WCAG AA × Fail

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 78.9637, 78.8303, 76.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

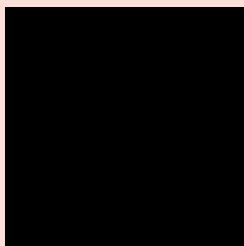
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

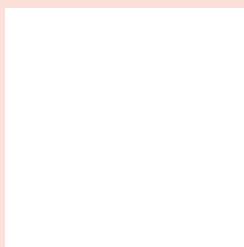
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9637, 78.8303, 76.6996

Background



This preview shows how black text looks on a background with the XYZ color 78.9637, 78.8303, 76.6996.



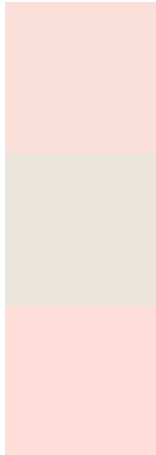
This preview shows how white text looks on a background with the XYZ color 78.9637, 78.8303,

76.6996.

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

78.9637, 78.8303, 76.6996

Protanopia

75.5297, 79.0388, 78.9853

Deuteranopia

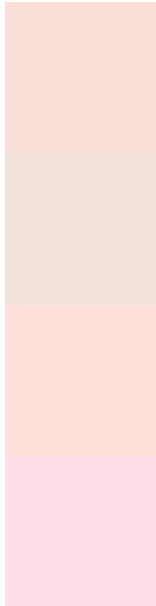
80.0162, 78.5645, 77.2768



Tritanopia

82.1621, 78.9568, 91.7987

Trichromacy



Original Color

78.9637, 78.8303, 76.6996

Protanomaly

76.5309, 78.7534, 78.1852

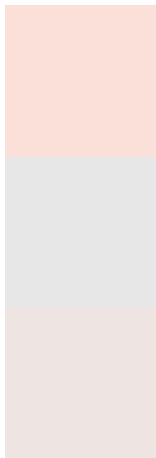
Deuteranomaly

79.9156, 78.9081, 77.3485

Tritanomaly

80.9122, 78.8384, 85.8157

Monochromacy



Original Color

78.9637, 78.8303, 76.6996

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.7308, 79.1549, 83.1858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9637, 78.8303, 76.6996 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(251, 224, 217) looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 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(251, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 217) }
```

Border

The CSS property to change the border of an element to XYZ 78.9637, 78.8303, 76.6996 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(251, 224, 217) }
```


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

```
.border{ border-color:rgb(251, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9637, 78.8303, 76.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 217) }
```

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

```
.background{ background-color: rgb(251,  
224, 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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