

Converting Colors

XYZ(78.2637, 76.9274, 90.0532)

Have a look what the booklet for
XYZ(78.2637, 76.9274, 90.0532)
contains.

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Color

**XYZ(78.3050, 77.0021,
90.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DDEC
RGB	244, 221, 236
RGB Percent	96%, 87%, 93%
CMY	0.0431, 0.1333, 0.0745
CMYK	0.00, 0.09, 0.03, 0.04
HSL	321°, 51%, 91%
HSV	321°, 9%, 96%
XYZ	78.3050, 77.0021, 90.0927
YIQ	229.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

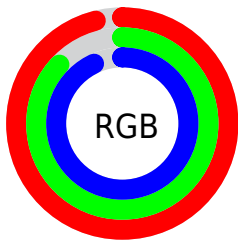
Format	Color
RYB	244, 221, 236
Decimal	16047596
CIELab	90.32, 10.44, -4.45
CIELCh	90, 11.348, 336.930
Yxy	77.0021, 0.3191, 0.3138
Android (android.graphics.Color)	4294237676 (0xFFF4DDEC)
YUV	229.5870, 3.1616, 12.6402
Hunter-Lab	87.7508, 5.7216, 0.5533

Details

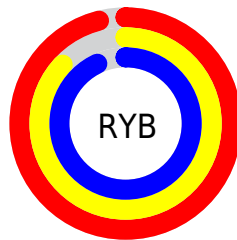
The XYZ color **78.3050, 77.0021, 90.0927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.3153, 85.7327, 86.6586**, and the grayscale version is **74.8833, 78.7831, 85.7948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6135, 41.2591, 48.8978** is the 20% darker color. If you saturate the color by 10%, you get **71.1216, 64.5614, 81.7580**, and if you desaturate by 10%, it is **86.4877, 91.3454, 99.0516**.

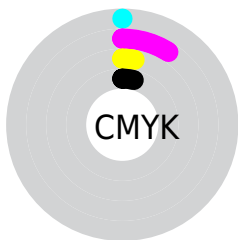
Distribution



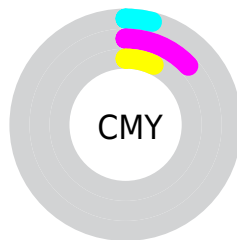
- Red (96%)
- Green (87%)
- Blue (93%)



- Red (96%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3050, 77.0021, 90.0927 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 78.3050, 77.0021, 90.0927 by changing the saturation by 10% instead.


 78.3050, 77.0021,
90.0927

 78.3050, 77.0021,
90.0927


478.0260,
484.7712, 548.9102

 58.6282, 57.2546,
67.4834


129.9431,
129.1424, 149.4038

 42.5591, 41.2097,
49.0135


162.6351,
162.3041, 186.9427

 29.7324, 28.4830,
34.2645


200.3962,
200.7059, 230.2951

 19.7826, 18.6900,
22.8179

243.5918,
244.7322, 279.8797

 12.3445, 11.4465,
14.2550

292.5872,
294.7676, 336.1150

 7.0526, 6.3680,
8.1575

347.7478,

 3.5416, 3.0701,

351.1962, 399.4195

4.1067

409.4390,
414.4026, 470.2117

■ 1.4462, 1.1685,
1.6840

■ 0.2888, 0.0357,
0.3498

■ 78.3050, 77.0021,
90.0927

■ 78.3050, 77.0021,
90.0927

■ 71.1216, 64.5614,
81.7580

■ 86.4877, 91.3454,
99.0516

■ 64.8898, 53.9324,
74.0248

■ 90.7949, 97.8438,
107.0108

■ 59.5679, 45.0320,
66.8761

■ 91.1187, 97.9734,
108.7160

■ 55.1084, 37.7665,
60.2919

■ 51.4592, 32.0332,
54.2507

■ 48.5625, 27.7178,
48.7287

■ 46.3523, 24.6898,
43.6996

■ 44.7504, 22.7942,
39.1328

■ 43.6347, 21.7881,
34.9828

Harmonies

Analogous

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



76.5037, 77.0021, 96.9148



78.3050, 77.0021, 90.0927



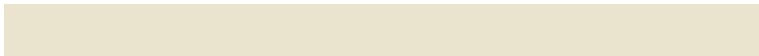
78.7190, 77.0021, 81.9774

Triad

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



78.3050, 77.0021, 90.0927



72.5341, 77.0021, 69.3158



68.9277, 77.0021, 93.5499

Complementary

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



78.3050, 77.0021, 90.0927



76.3153, 85.7327, 86.6586

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.



67.9227, 77.0021, 85.7350



78.3050, 77.0021, 90.0927



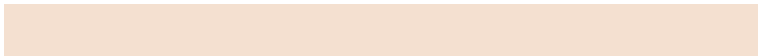
69.9699, 77.0021, 72.0014

Square

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



78.3050, 77.0021, 90.0927



75.3393, 77.0021, 70.3172



68.2993, 77.0021, 77.8877



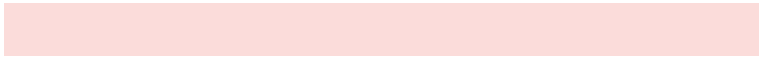
71.0784, 77.0021, 98.9989

Rectangle

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



78.3050, 77.0021, 90.0927



78.1432, 77.0021, 76.9861



68.2993, 77.0021, 77.8877



68.4472, 77.0021, 91.0938

Sweetspot

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



78.3072, 77.0055, 90.0944



92.2323, 95.0456, 105.8616



74.3955, 74.8515, 96.1158



19.5840, 20.0673, 22.4872



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.



78.3072, 77.0055, 90.0944



85.2138, 82.7782, 98.0664



76.7352, 76.3767, 81.8163



16.9545, 16.6646, 19.5068



23.7614, 11.8480, 19.2497



2.1368, 1.0607, 1.9468

Inverse Universe

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



78.3072, 77.0055, 90.0944



85.2138, 82.7782, 98.0664



77.9249, 86.3766, 95.1349



16.9545, 16.6646, 19.5068



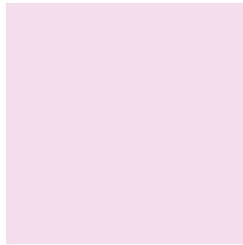
23.7614, 11.8480, 19.2497



2.1368, 1.0607, 1.9468

Previews

White Background



This preview shows how the XYZ color 78.3050, 77.0021, 90.0927 looks on a white background.

Color Contrast Check

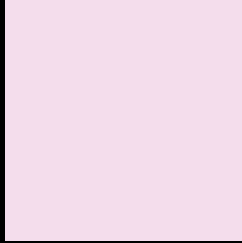
Large Text (above 18pt) WCAG AA × Fail

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 78.3050, 77.0021, 90.0927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

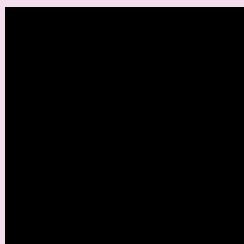
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3050, 77.0021, 90.0927

Background



This preview shows how black text looks on a background with the XYZ color 78.3050, 77.0021, 90.0927.

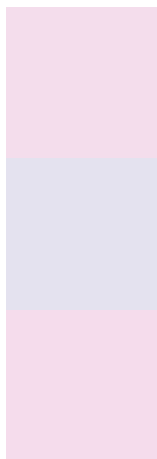


This preview shows how white text looks on a background with the XYZ color 78.3050, 77.0021,

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

78.3050, 77.0021, 90.0927

Protanopia

74.7713, 77.1187, 92.6059

Deuteranopia

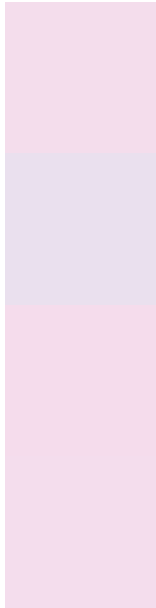
78.3897, 76.6550, 90.0212



Tritanopia

78.5973, 77.1190, 91.6319

Trichromacy



Original Color

78.3050, 77.0021, 90.0927

Protanomaly

76.0200, 76.9768, 91.7402

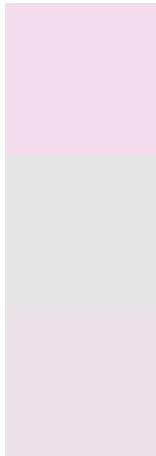
Deuteranomaly

78.3897, 76.6550, 90.0212

Tritanomaly

78.4507, 77.0604, 90.8601

Monochromacy



Original Color

78.3050, 77.0021, 90.0927

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.2955, 78.4265, 87.4606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3050, 77.0021, 90.0927 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, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 236)  
}
```

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, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 236) }
```

Border

The CSS property to change the border of an element to XYZ 78.3050, 77.0021, 90.0927 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, 221, 236) }
```


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

```
.border{ border-color:rgb(244, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3050, 77.0021, 90.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 221, 236) }
```

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

```
.background{ background-color: rgb(244,  
221, 236) }
```

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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