

# Converting Colors

XYZ(78.2738, 76.1899, 90.7014)

Have a look what the booklet for  
XYZ(78.2738, 76.1899, 90.7014)  
contains.

<b>XYZ(78.2738, 76.1899, 90.7014)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(78.2738, 76.1899,  
90.7014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5DBED
RGB	245, 219, 237
RGB Percent	96%, 86%, 93%
CMY	0.0392, 0.1412, 0.0706
CMYK	0.00, 0.11, 0.03, 0.04
HSL	318°, 57%, 91%
HSV	318°, 11%, 96%
XYZ	78.2738, 76.1899, 90.7014
YIQ	228.8260, 9.7180, 11.1100

# Conversions

## Conversions Part 2

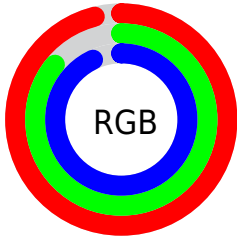
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 219, 237
Decimal	16112621
CIE Lab	89.95, 12.00, -5.52
CIE LCh	90, 13.202, 335.307
Yxy	76.1899, 0.3193, 0.3108
Android (android.graphics.Color)	4294302701 (0xFFF5DBED)
YUV	228.8260, 4.0298, 14.1846
Hunter-Lab	87.2868, 7.3166, -0.5086

# Details

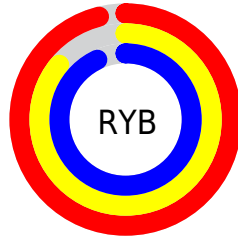
The XYZ color **78.2738, 76.1899, 90.7014** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7339, 85.9131, 85.2685**, and the grayscale version is **74.3165, 78.1867, 85.1453**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6022, 40.7059, 49.3277** is the 20% darker color. If you saturate the color by 10%, you get **71.2686, 63.9047, 83.0457**, and if you desaturate by 10%, it is **86.2704, 90.3817, 98.9180**.

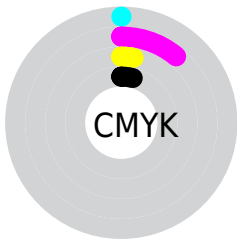
# Distribution



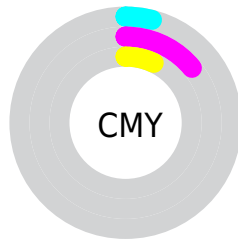
- Red (96%)
- Green (86%)
- Blue (93%)



- Red (96%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (4%)




- Cyan (4%)
- Magenta (14%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2738, 76.1899, 90.7014 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 78.2738, 76.1899, 90.7014 by changing the saturation by 10% instead.




 78.2738, 76.1899,  
90.7014

 78.2738, 76.1899,  
90.7014


477.9218,  
481.9975, 550.9387

 58.6025, 56.5882,  
67.9855


129.8993,  
127.9953, 150.2563

 42.5383, 40.6747,  
49.4194


162.5843,  
160.9678, 187.9324

 29.7160, 28.0650,  
34.5843


200.3378,  
199.1661, 231.4324

 19.7701, 18.3747,  
23.0619

243.5253,  
242.9745, 281.1747

 12.3354, 11.2193,  
14.4335

292.5121,  
292.7775, 337.5780

 7.0463, 6.2146,  
8.2806

347.6635,

 3.5377, 2.9760,

348.9594, 401.0607

4.1847

409.3450,  
411.9046, 472.0415

■ 1.4441, 1.1192,  
1.7272

■ 0.2873, 0.0000,  
0.3793

■ 78.2738, 76.1899,  
90.7014

■ 78.2738, 76.1899,  
90.7014

■ 71.2686, 63.9047,  
83.0457

■ 86.2704, 90.3817,  
98.9180

■ 65.2068, 53.4339,  
75.9293

■ 91.0003, 97.9662,  
106.2760

■ 60.0460, 44.6929,  
69.3362

■ 91.4668, 98.1528,  
108.7323

■ 55.7379, 37.5860,  
63.2474

■ 52.2298, 32.0085,  
57.6425

■ 49.4625, 27.8433,  
52.4986

■ 47.3686, 24.9564,  
47.7903

■ 45.8675, 23.1874,  
43.4875

■ 44.8750, 22.3001,  
39.7729

# Harmonies

## Analogous

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



76.1072, 76.1899, 98.5196



78.2738, 76.1899, 90.7014



78.8517, 76.1899, 81.3053

# Triad

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



78.2738, 76.1899, 90.7014



71.8369, 76.1899, 66.3055



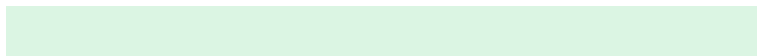
67.4107, 76.1899, 93.7941

# Complementary

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



78.2738, 76.1899, 90.7014



75.7339, 85.9131, 85.2685

# 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.



66.3407, 76.1899, 84.6327



78.2738, 76.1899, 90.7014



68.8466, 76.1899, 69.1276

# Square

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



78.2738, 76.1899, 90.7014



75.0718, 76.1899, 67.6649



66.8584, 76.1899, 75.6681



69.8240, 76.1899, 100.3972

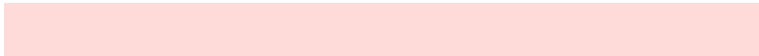


# Rectangle

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



78.2738, 76.1899, 90.7014



78.2438, 76.1899, 75.5039



66.8584, 76.1899, 75.6681



66.8854, 76.1899, 90.8869

# Sweetspot

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



78.2760, 76.1932, 90.7030



92.2811, 95.0651, 106.1186



73.4315, 73.5577, 96.7153



19.5972, 20.0726, 22.5567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

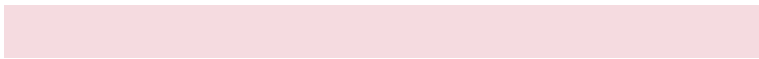
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2760, 76.1932, 90.7030



83.7721, 80.0032, 97.2517



76.4721, 75.4716, 81.2037



16.9838, 16.6764, 19.6612



24.2395, 12.0392, 21.7674



2.1763, 1.0765, 2.1545



# Inverse Universe

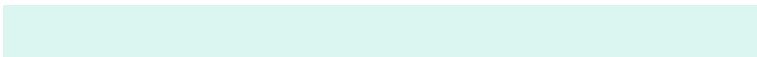
The Inverse Universe completely reimagines the original color for something new.



78.2760, 76.1932, 90.7030



83.7721, 80.0032, 97.2517



77.5668, 86.6463, 94.9205



16.9838, 16.6764, 19.6612



24.2395, 12.0392, 21.7674

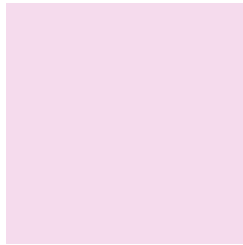


2.1763, 1.0765, 2.1545



# Previews

## White Background



This preview shows how the XYZ color 78.2738, 76.1899, 90.7014 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 78.2738, 76.1899, 90.7014 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

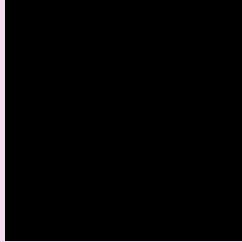
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 78.2738, 76.1899, 90.7014

## Background



This preview shows how black text looks on a background with the XYZ color 78.2738, 76.1899, 90.7014.



This preview shows how white text looks on a background with the XYZ color 78.2738, 76.1899,

90.7014.

# 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

78.2738, 76.1899, 90.7014

### Protanopia

74.1664, 76.3701, 94.0510

### Deuteranopia

77.8414, 76.3555, 90.7562



## Tritanopia

78.1280, 76.1316, 89.9340

# Trichromacy



## Original Color

78.2738, 76.1899, 90.7014

## Protanomaly

75.7201, 76.3903, 93.1920

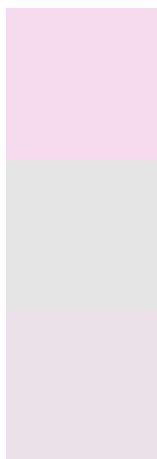
## Deuteranomaly

78.1875, 76.5339, 90.7724

## Tritanomaly

78.1280, 76.1316, 89.9340

# Monochromacy



## Original Color

78.2738, 76.1899, 90.7014

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.7517, 77.3388, 87.2793

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.2738, 76.1899, 90.7014 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, 219, 237) looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 237)  
}
```

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, 219, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 78.2738, 76.1899, 90.7014 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, 219, 237) }
```



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

```
.border{ border-color:rgb(245, 219, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 219, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 219, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 219, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 219,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.2738, 76.1899, 90.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 237) }
```

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

```
.background{ background-color: rgb(245,  
219, 237) }
```

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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