

# Converting Colors

XYZ(77.3610, 78.9130, 73.7520)

Have a look what the booklet for  
XYZ(77.3610, 78.9130, 73.7520)  
contains.

<b>XYZ(77.4378, 78.9203, 73.4391)</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(77.4378, 78.9203,  
73.4391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E2D4
RGB	247, 226, 212
RGB Percent	97%, 89%, 83%
CMY	0.0314, 0.1137, 0.1686
CMYK	0.00, 0.08, 0.14, 0.03
HSL	24°, 69%, 90%
HSV	24°, 14%, 97%
XYZ	77.4378, 78.9203, 73.4391
YIQ	230.6830, 17.0100, 0.0980

# Conversions

## Conversions Part 2

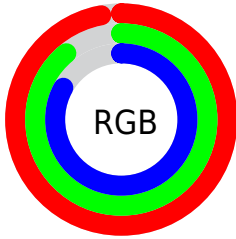
Format	Color
R <sub>Y</sub> B	247, 235, 212
Decimal	16245460
CIE Lab	91.20, 4.93, 9.43
CIE LCh	91, 10.640, 62.399
Yxy	78.9203, 0.3370, 0.3434
Android (android.graphics.Color)	4294435540 (0xFF7E2D4)
YUV	230.6830, -9.2107, 14.3100
Hunter-Lab	88.8371, 0.1305, 13.1726

# Details

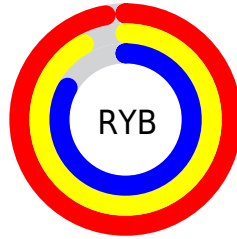
The XYZ color **77.4378, 78.9203, 73.4391** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.0785, 78.9888, 99.3912**, and the grayscale version is **75.7792, 79.7256, 86.8212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8839, 42.5073, 37.8955** is the 20% darker color. If you saturate the color by 10%, you get **70.7013, 70.0576, 56.9793**, and if you desaturate by 10%, it is **85.0035, 88.6771, 92.5287**.

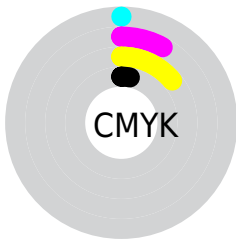
# Distribution



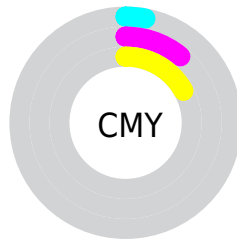
- Red (97%)
- Green (89%)
- Blue (83%)



- Red (97%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (3%)




- Cyan (3%)
- Magenta (11%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4378, 78.9203, 73.4391 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 77.4378, 78.9203, 73.4391 by changing the saturation by 10% instead.



 77.4378, 78.9203,  
73.4391

 77.4378, 78.9203,  
73.4391


475.1245,  
491.2867, 491.6468

 57.9134, 58.8303,  
53.8411


128.7269,  
131.8467, 125.8271

 41.9821, 42.4765,  
38.0823


161.2223,  
165.4518, 159.4541

 29.2783, 29.4746,  
25.7442


198.7721,  
204.3307, 198.5945

 19.4368, 19.4401,  
16.4084

241.7416,  
248.8679, 243.6669

 12.0922, 11.9887,  
9.6561

290.4963,  
299.4477, 295.0898

 6.8791, 6.7360,  
5.0689

345.4014,

 3.4323, 3.2976,

356.4545, 353.2817

2.2283

406.8224,  
420.2727, 418.6612

■ 1.3863, 1.2890,  
0.6906

■ 0.2464, 0.1327,  
0.0000

■ 77.4378, 78.9203,  
73.4391

■ 77.4378, 78.9203,  
73.4391

■ 70.7013, 70.0576,  
56.9793

■ 85.0035, 88.6771,  
92.5287

■ 64.7573, 62.0524,  
43.0277

■ 92.1681, 98.5143,  
108.7651

■ 59.5754, 54.8805,  
31.4604

■ 55.1209, 48.5128,  
22.1410

■ 51.3559, 42.9182,  
14.9190

■ 48.2384, 38.0633,  
9.6254

■ 45.7209, 33.9113,  
6.0640

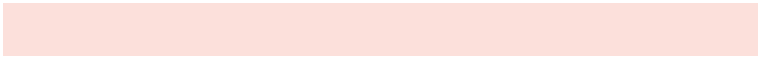
■ 43.7470, 30.4210,  
3.9960

■ 42.8041, 28.6662,  
3.2771

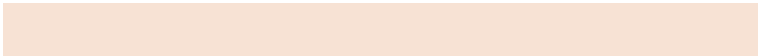
# Harmonies

## Analogous

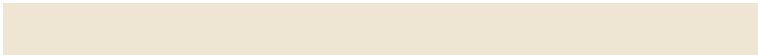
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4721, 78.9203, 78.2220



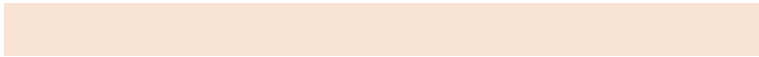
77.4378, 78.9203, 73.4391



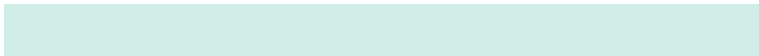
74.7947, 78.9203, 71.9402

# Triad

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



77.4378, 78.9203, 73.4391



69.9524, 78.9203, 86.5535



77.8222, 78.9203, 99.0796

# Complementary

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



77.4378, 78.9203, 73.4391



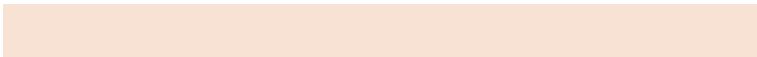
73.0785, 78.9888, 99.3912

# 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.



75.2285, 78.9203, 101.6269



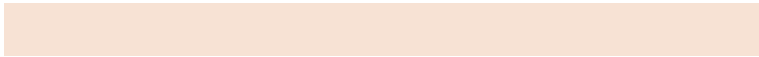
77.4378, 78.9203, 73.4391



70.7208, 78.9203, 94.1301

# Square

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



77.4378, 78.9203, 73.4391



70.5124, 78.9203, 79.2371



72.6362, 78.9203, 99.7643



79.6977, 78.9203, 92.9913



# Rectangle

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



77.4378, 78.9203, 73.4391



73.0541, 78.9203, 72.9277



72.6362, 78.9203, 99.7643



77.0033, 78.9203, 100.3943

# Sweetspot

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



77.4400, 78.9238, 73.4408



91.5299, 95.5184, 99.8390



76.6102, 72.7454, 87.0952



19.4530, 20.2682, 21.0163



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

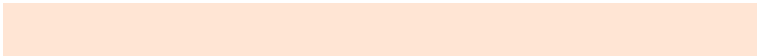


# Same Dimension

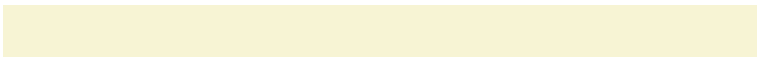
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4400, 78.9238, 73.4408



81.0976, 82.0320, 73.6156



82.4427, 88.9294, 75.1084



17.0433, 17.5707, 17.2908



22.7674, 15.4203, 1.7764



2.0987, 1.5507, 0.1887

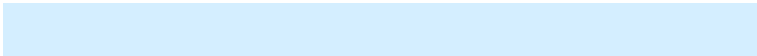


# Inverse Universe

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



73.0785, 78.9888, 99.3912



75.5746, 82.1131, 106.4740



68.3689, 69.5695, 97.8213



16.4080, 17.5803, 21.0711



14.6363, 15.0663, 48.6747

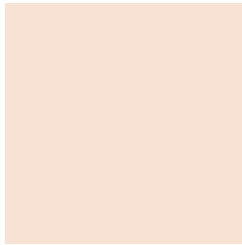


1.3868, 1.5250, 4.3115



# Previews

## White Background



This preview shows how the XYZ color 77.4378, 78.9203, 73.4391 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

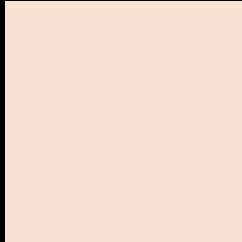
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.4378, 78.9203, 73.4391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

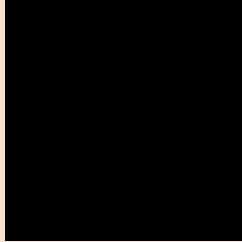
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.4378, 78.9203, 73.4391**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.4378, 78.9203, 73.4391.



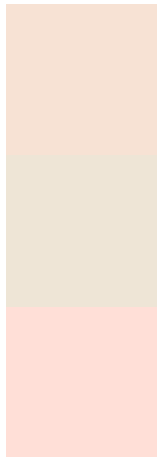
This preview shows how white text looks on a background with the XYZ color 77.4378, 78.9203,

73.4391.

# 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

77.4378, 78.9203, 73.4391

### Protanopia

75.4168, 79.0708, 74.9056

### Deuteranopia

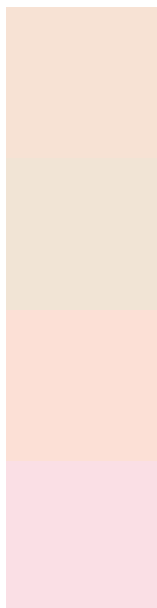
79.8934, 78.9416, 75.3164



## Tritanopia

81.4849, 78.9838, 92.6120

# Trichromacy



## Original Color

77.4378, 78.9203, 73.4391

## Protanomaly

76.0293, 78.9917, 74.1905

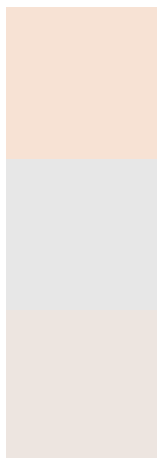
## Deuteranomaly

78.9381, 78.8618, 74.6797

## Tritanomaly

79.9549, 78.7565, 85.1162

# Monochromacy



## Original Color

77.4378, 78.9203, 73.4391

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

76.3989, 79.4250, 81.8249

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.4378, 78.9203, 73.4391 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(247, 226, 212) looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 212)  
}
```

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(247, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 77.4378, 78.9203, 73.4391 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(247, 226, 212) }
```



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

```
.border{ border-color:rgb(247, 226, 212) }
```

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

Here you see how a box with a 4 pixel rgb(247, 226, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.4378, 78.9203, 73.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 212) }
```

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

```
.background{ background-color: rgb(247,  
226, 212) }
```

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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