

Converting Colors

XYZ(76.9662, 77.3478, 78.8457)

Have a look what the booklet for
XYZ(76.9662, 77.3478, 78.8457)
contains.

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Color

**XYZ(76.9621, 77.3551,
78.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFDC
RGB	245, 223, 220
RGB Percent	96%, 87%, 86%
CMY	0.0392, 0.1255, 0.1372
CMYK	0.00, 0.09, 0.10, 0.04
HSL	7°, 56%, 91%
HSV	7°, 10%, 96%
XYZ	76.9621, 77.3551, 78.5848
YIQ	229.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

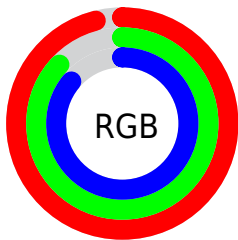
Format	Color
R _Y B	245, 223, 220
Decimal	16113628
CIE Lab	90.48, 7.05, 4.19
CIE LCh	90, 8.200, 30.764
Yxy	77.3551, 0.3304, 0.3321
Android (android.graphics.Color)	4294303708 (0xFF5DFDC)
YUV	229.2360, -4.5533, 13.8250
Hunter-Lab	87.9517, 2.2807, 8.5907

Details

The XYZ color **76.9621, 77.3551, 78.5848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7484, 85.3109, 98.7559**, and the grayscale version is **74.6769, 78.5659, 85.5583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7804, 41.5407, 41.4134** is the 20% darker color. If you saturate the color by 10%, you get **68.5554, 65.3589, 60.9298**, and if you desaturate by 10%, it is **86.5819, 91.0147, 98.9921**.

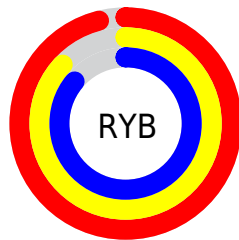
Distribution



Red (96%)

Green (87%)

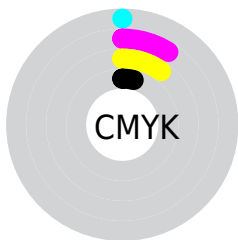
Blue (86%)



Red (96%)

Yellow (87%)

Blue (86%)

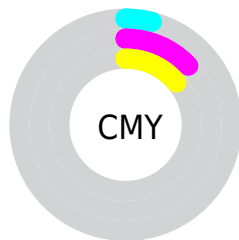


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9621, 77.3551, 78.5848 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 76.9621, 77.3551, 78.5848 by changing the saturation by 10% instead.


 76.9621, 77.3551,
78.5848

 76.9621, 77.3551,
78.5848


473.5287,
485.9739, 509.7311

 57.5216, 57.5444,
58.0352

128.0591,
129.6406, 133.1675

 41.6659, 41.4425,
41.4221

160.4463,
162.8842, 168.0378

 29.0298, 28.6650,
28.3268


197.8798,
201.3742, 208.5186

 19.2477, 18.8275,
18.3310

240.7249,
245.4949, 255.0286

 11.9545, 11.5457,
11.0160

289.3470,
295.6309, 307.9863

 6.7847, 6.4352,
5.9633

344.1114,

 3.3729, 3.1114,

352.1665, 367.8103

2.7543

405.3835,
415.4860, 434.9190

■ 1.3539, 1.1902,
0.9706

■ 0.2230, 0.0537,
0.0000

■ 76.9621, 77.3551,
78.5848

■ 76.9621, 77.3551,
78.5848

■ 68.5554, 65.3589,
60.9298

■ 86.5819, 91.0147,
98.9921

■ 61.3073, 54.9528,
45.9044

■ 91.4665, 98.1527,
108.7323

■ 55.1686, 46.0729,
33.3843

■ 50.0842, 38.6474,
23.2327

■ 45.9943, 32.5983,
15.3001

■ 42.8327, 27.8407,
9.4197

■ 40.5252, 24.2798,
5.4014

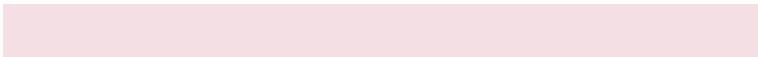
■ 38.9861, 21.8079,
3.0187

■ 38.1068, 20.3132,
1.9124

Harmonies

Analogous

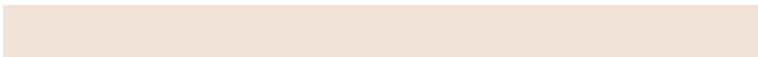
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5348, 77.3551, 84.0762



76.9621, 77.3551, 78.5848



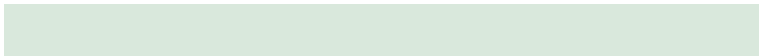
75.4652, 77.3551, 74.7573

Triad

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



76.9621, 77.3551, 78.5848



70.1384, 77.3551, 78.8338



73.5762, 77.3551, 96.0228

Complementary

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



76.9621, 77.3551, 78.5848



77.7484, 85.3109, 98.7559

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.



71.6158, 77.3551, 94.4634



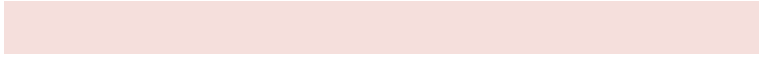
76.9621, 77.3551, 78.5848



69.6534, 77.3551, 84.3770

Square

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



76.9621, 77.3551, 78.5848



71.5264, 77.3551, 74.8963



70.1893, 77.3551, 90.1321



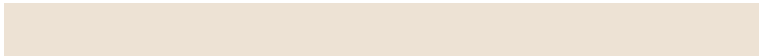
75.5578, 77.3551, 94.3012

Rectangle

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



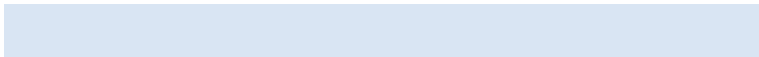
76.9621, 77.3551, 78.5848



74.1580, 77.3551, 73.5710



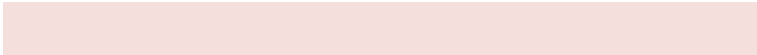
70.1893, 77.3551, 90.1321



72.8930, 77.3551, 95.8643

Sweetspot

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



76.9643, 77.3585, 78.5865



91.7328, 95.2976, 101.8386



79.2899, 77.0158, 94.7574



19.4493, 20.1347, 21.4039



0.0000, 0.0000, 0.0000



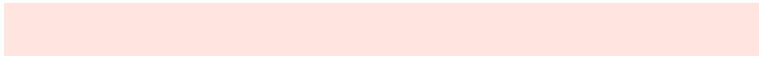
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9643, 77.3585, 78.5865



82.5135, 82.1929, 82.3217



80.4031, 84.2363, 79.7327



16.6595, 16.8032, 17.1629



20.5802, 11.0460, 1.0474



1.8595, 1.0722, 0.1089

Inverse Universe

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



77.7484, 85.3109, 98.7559



83.5127, 92.3274, 108.0271



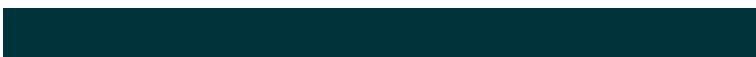
74.1786, 78.1713, 97.5660



16.8168, 18.3979, 21.2074



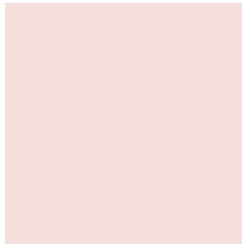
22.1150, 30.0237, 51.1676



1.9907, 2.7327, 4.5128

Previews

White Background



This preview shows how the XYZ color 76.9621, 77.3551, 78.5848 looks on a white background.

Color Contrast Check

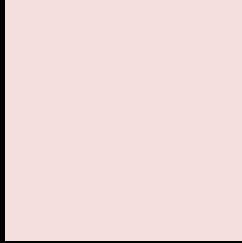
Large Text (above 18pt) WCAG AA × Fail

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 76.9621, 77.3551, 78.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

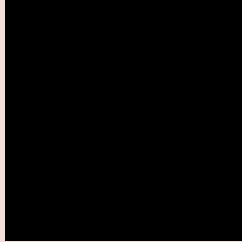
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

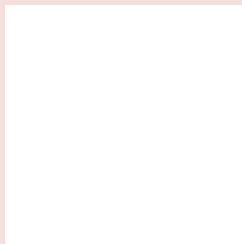
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9621, 77.3551, 78.5848

Background



This preview shows how black text looks on a background with the XYZ color 76.9621, 77.3551, 78.5848.

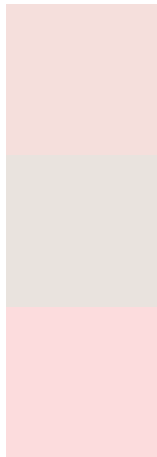


This preview shows how white text looks on a background with the XYZ color 76.9621, 77.3551,

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

76.9621, 77.3551, 78.5848

Protanopia

74.2582, 77.5357, 80.1593

Deuteranopia

78.7892, 77.1023, 79.1362



Tritanopia

79.3836, 77.1336, 91.5932

Trichromacy



Original Color

76.9621, 77.3551, 78.5848

Protanomaly

75.1726, 77.6177, 79.4263

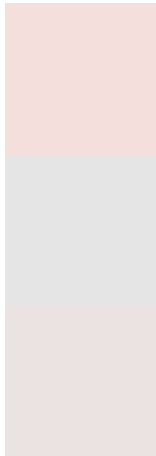
Deuteranomaly

77.9745, 77.0731, 79.1735

Tritanomaly

78.2863, 77.0753, 86.3522

Monochromacy



Original Color

76.9621, 77.3551, 78.5848

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4575, 78.0913, 83.0476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9621, 77.3551, 78.5848 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, 223, 220) looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 220)  
}
```

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, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.9621, 77.3551, 78.5848 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, 223, 220) }
```


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

```
.border{ border-color:rgb(245, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9621, 77.3551, 78.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 220) }
```

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

```
.background{ background-color: rgb(245,  
223, 220) }
```

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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