

Converting Colors

XYZ(77.8241, 77.9954, 68.3328)

Have a look what the booklet for
XYZ(77.8241, 77.9954, 68.3328)
contains.

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Color

**XYZ(77.7948, 78.0176,
68.0854)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDFCC
RGB	253, 223, 204
RGB Percent	99%, 87%, 80%
CMY	0.0078, 0.1255, 0.2000
CMYK	0.00, 0.12, 0.19, 0.01
HSL	23°, 92%, 90%
HSV	23°, 19%, 99%
XYZ	77.7948, 78.0176, 68.0854
YIQ	229.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

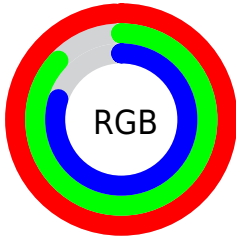
Format	Color
RYB	253, 235, 204
Decimal	16637900
CIELab	90.79, 7.41, 13.09
CIElCh	91, 15.045, 60.475
Yxy	78.0176, 0.3475, 0.3485
Android (android.graphics.Color)	4294827980 (0xFFFDDFCC)
YUV	229.8040, -12.7214, 20.3429
Hunter-Lab	88.3276, 2.6412, 16.1269

Details

The XYZ color **77.7948, 78.0176, 68.0854** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0539, 78.7731, 104.3363**, and the grayscale version is **75.1493, 79.0629, 86.0995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2726, 41.9430, 34.7220** is the 20% darker color. If you saturate the color by 10%, you get **71.0535, 69.0028, 52.0637**, and if you desaturate by 10%, it is **85.4118, 87.9936, 86.8326**.

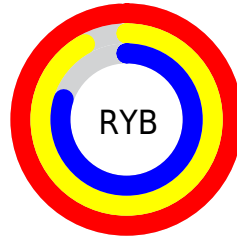
Distribution



Red (99%)

Green (87%)

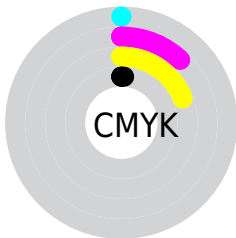
Blue (80%)



Red (99%)

Yellow (92%)

Blue (80%)

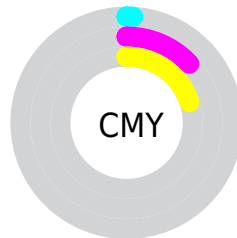


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7948, 78.0176, 68.0854 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 77.7948, 78.0176, 68.0854 by changing the saturation by 10% instead.


 77.7948, 78.0176,
68.0854

 77.7948, 78.0176,
68.0854


476.3201,
488.2266, 472.4048

 58.2076, 58.0884,
49.5001


129.2277,
130.5749, 118.1297

 42.2195, 41.8798,
34.6480


161.8042,
163.9719, 150.4257

 29.4651, 29.0071,
23.1104


199.4411,
202.6269, 188.1291

 19.5790, 19.0862,
14.4690

242.5038,
246.9244, 231.6583

 12.1958, 11.7326,
8.3051

291.3577,
297.2487, 281.4320

 6.9503, 6.5619,
4.2002

346.3682,

 3.4771, 3.1896,

353.9842, 337.8686

1.7358

407.9005,
417.5154, 401.3867

■ 1.4108, 1.2315,
0.3851

■ 0.2639, 0.0872,
0.0000

■ 77.7948, 78.0176,
68.0854

■ 77.7948, 78.0176,
68.0854

■ 71.0535, 69.0028,
52.0637

■ 85.4118, 87.9936,
86.8326

■ 65.1478, 60.9090,
38.6341

■ 93.9300, 98.9487,
108.4204

■ 60.0435, 53.7084,
27.6592

■ 94.3183, 99.6228,
108.8658

■ 55.7013, 47.3676,
18.9868

■ 52.0782, 41.8509,
12.4475

■ 49.1262, 37.1195,
7.8482

■ 46.7896, 33.1306,
4.9597

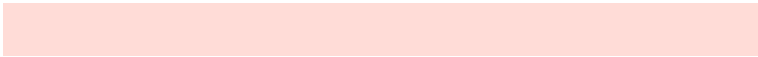
■ 44.9891, 29.8302,
3.4326

■ 44.8879, 29.6419,
3.3556

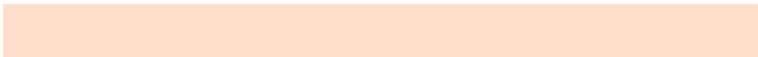
Harmonies

Analogous

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



80.5984, 78.0176, 74.8181



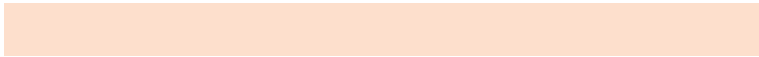
77.7948, 78.0176, 68.0854



74.0931, 78.0176, 65.7792

Triad

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



77.7948, 78.0176, 68.0854



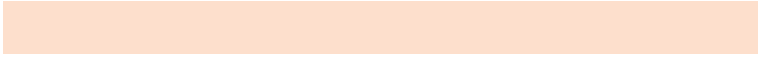
67.1173, 78.0176, 85.1206



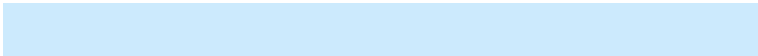
77.9026, 78.0176, 104.1894

Complementary

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



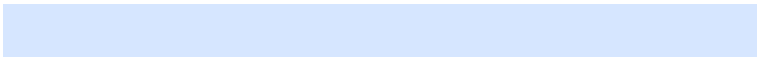
77.7948, 78.0176, 68.0854



72.0539, 78.7731, 104.3363

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.



74.2137, 78.0176, 107.5198



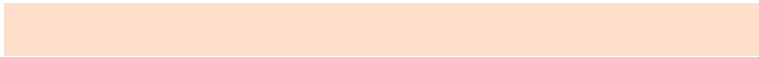
77.7948, 78.0176, 68.0854



68.0614, 78.0176, 95.9531

Square

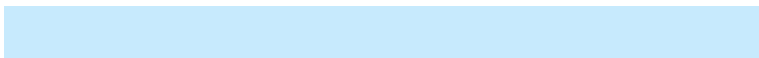
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7948, 78.0176, 68.0854



68.0045, 78.0176, 75.0931



70.6274, 78.0176, 104.3873



80.6622, 78.0176, 95.6293

Rectangle

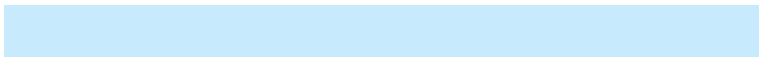
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7948, 78.0176, 68.0854



71.6389, 78.0176, 66.8942



70.6274, 78.0176, 104.3873



76.7261, 78.0176, 105.9886

Sweetspot

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



77.7969, 78.0211, 68.0870



89.7682, 93.2226, 95.4671



76.9842, 70.0224, 87.4642



19.0954, 19.8003, 20.1346



0.0000, 0.0000, 0.0000



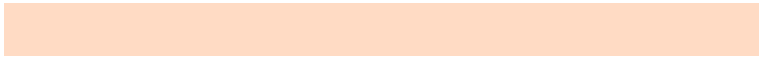
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7969, 78.0211, 68.0870



76.6007, 75.9754, 63.0611



84.7554, 91.9380, 70.4065



18.5871, 19.1423, 18.8595



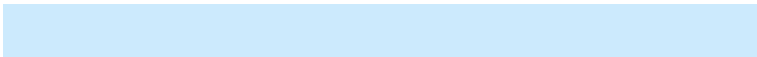
24.0094, 16.0300, 1.8287



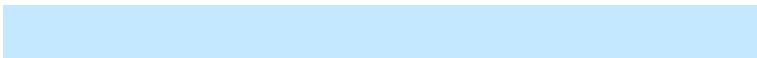
2.4399, 1.7652, 0.2121

Inverse Universe

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



72.0539, 78.7731, 104.3363



69.8339, 76.8582, 105.7622



65.6091, 65.8837, 102.1881



17.9287, 19.2290, 23.0166



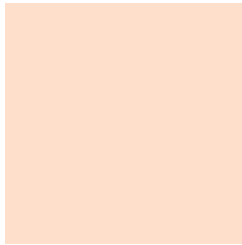
15.8014, 16.5123, 51.7890



1.6446, 1.8200, 5.0779

Previews

White Background



This preview shows how the XYZ color 77.7948, 78.0176, 68.0854 looks on a white background.

Color Contrast Check

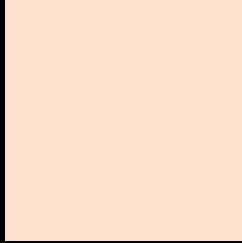
Large Text (above 18pt) WCAG AA × Fail

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 77.7948, 78.0176, 68.0854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

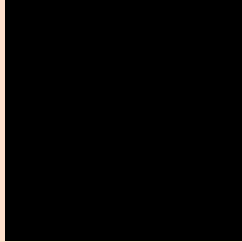
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7948, 78.0176, 68.0854

Background



This preview shows how black text looks on a background with the XYZ color 77.7948, 78.0176, 68.0854.



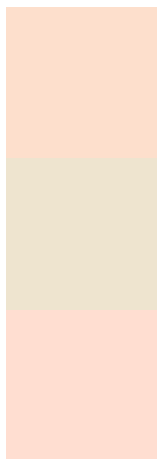
This preview shows how white text looks on a background with the XYZ color 77.7948, 78.0176,

68.0854.

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

77.7948, 78.0176, 68.0854

Protanopia

74.2658, 78.1689, 70.2054

Deuteranopia

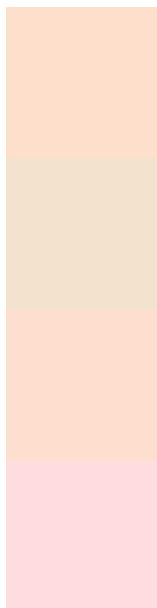
78.8699, 78.1060, 71.2407



Tritanopia

81.5669, 77.9212, 89.3385

Trichromacy



Original Color

77.7948, 78.0176, 68.0854

Protanomaly

75.2991, 77.9036, 69.4607

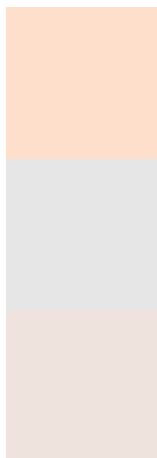
Deuteranomaly

78.2568, 77.8184, 69.9274

Tritanomaly

79.9208, 77.6390, 81.2946

Monochromacy



Original Color

77.7948, 78.0176, 68.0854

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7801, 78.3358, 79.5329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7948, 78.0176, 68.0854 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(253, 223, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 204)  
}
```

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(253, 223, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 204) }
```

Border

The CSS property to change the border of an element to XYZ 77.7948, 78.0176, 68.0854 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(253, 223, 204) }
```


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

```
.border{ border-color:rgb(253, 223, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 223, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7948, 78.0176, 68.0854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 204) }
```

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

```
.background{ background-color: rgb(253,  
223, 204) }
```

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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