

Converting Colors

XYZ(74.6978, 75.7572, 62.9698)

Have a look what the booklet for
XYZ(74.6978, 75.7572, 62.9698)
contains.

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Color

**XYZ(74.5317, 75.6549,
62.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DDC4
RGB	248, 221, 196
RGB Percent	97%, 87%, 77%
CMY	0.0274, 0.1333, 0.2314
CMYK	0.00, 0.11, 0.21, 0.03
HSL	29°, 79%, 87%
HSV	29°, 21%, 97%
XYZ	74.5317, 75.6549, 62.8992
YIQ	226.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

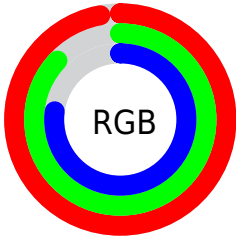
Format	Color
R _Y B	248, 244, 196
Decimal	16309700
CIE Lab	89.70, 5.48, 15.67
CIE LCh	90, 16.600, 70.740
Yxy	75.6549, 0.3498, 0.3550
Android (android.graphics.Color)	4294499780 (0xFFF8DDC4)
YUV	226.2230, -14.8999, 19.0984
Hunter-Lab	86.9798, 0.7393, 18.0105

Details

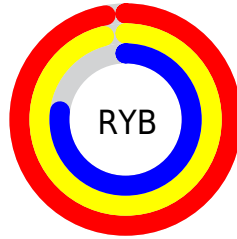
The XYZ color **74.5317, 75.6549, 62.8992** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0955, 71.2868, 99.0836**, and the grayscale version is **72.5440, 76.3219, 83.1146**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.0046, 40.3018, 31.2617** is the 20% darker color. If you saturate the color by 10%, you get **68.6695, 68.0804, 48.1505**, and if you desaturate by 10%, it is **81.1253, 83.9442, 80.1954**.

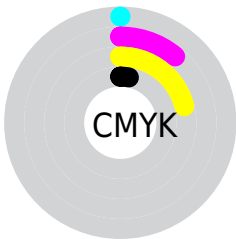
Distribution



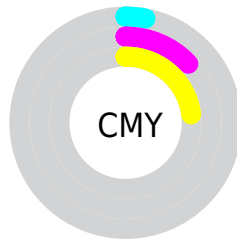
- Red (97%)
- Green (87%)
- Blue (77%)



- Red (97%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5317, 75.6549, 62.8992 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 74.5317, 75.6549, 62.8992 by changing the saturation by 10% instead.


 74.5317, 75.6549,
62.8992

 74.5317, 75.6549,
62.8992


465.3284,
480.1655, 453.3014

 55.5221, 56.1496,
45.3192


124.6407,
127.2390, 110.6082

 40.0554, 40.3229,
31.3641


156.4709,
160.0865, 141.5744

 27.7662, 27.7904,
20.6155


193.3053,
198.1502, 177.8396

 18.2890, 18.1677,
12.6547

235.5093,
241.8145, 219.8225

 11.2586, 11.0704,
7.0633

283.4482,
291.4638, 267.9416

 6.3096, 6.1142,
3.4227

337.4875,

 3.0767, 2.9147,

347.4825, 322.6154

1.3143

397.9925,
410.2549, 384.2625

■ 1.1945, 1.0873,
0.0735

■ 0.1020, 0.0000,
0.0000

■ 74.5317, 75.6549,
62.8992

■ 74.5317, 75.6549,
62.8992

■ 68.6695, 68.0804,
48.1505

■ 81.1253, 83.9442,
80.1954

■ 63.5040, 61.1898,
35.8220

■ 88.4712, 92.9580,
100.1485

■ 59.0062, 54.9645,
25.7824

■ 92.5216, 98.6966,
108.7817

■ 55.1426, 49.3811,
17.8860

■ 51.8763, 44.4144,
11.9698

■ 49.1655, 40.0368,
7.8472

■ 46.9610, 36.2174,
5.2950

■ 45.3388, 33.2108,
4.0207

Harmonies

Analogous

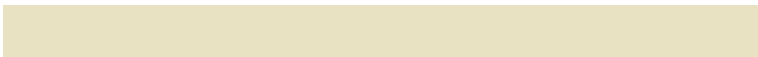
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0291, 75.6549, 68.5400



74.5317, 75.6549, 62.8992



70.4528, 75.6549, 62.1789

Triad

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



74.5317, 75.6549, 62.8992



64.4583, 75.6549, 86.6420



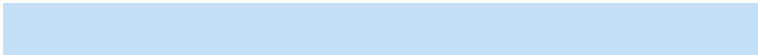
77.1605, 75.6549, 100.6357

Complementary

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



74.5317, 75.6549, 62.8992



66.0955, 71.2868, 99.0836

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.



73.3825, 75.6549, 106.5305



74.5317, 75.6549, 62.8992



66.1151, 75.6549, 97.9575

Square

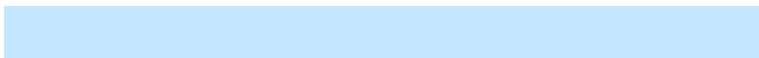
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5317, 75.6549, 62.8992



64.7397, 75.6549, 75.1709



69.3460, 75.6549, 105.5064



79.5862, 75.6549, 90.0260

Rectangle

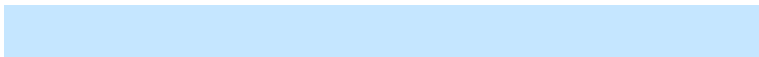
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5317, 75.6549, 62.8992



67.9643, 75.6549, 64.5025



69.3460, 75.6549, 105.5064



76.0007, 75.6549, 103.2778

Sweetspot

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



74.5337, 75.6583, 62.9008



90.2019, 94.0900, 95.6116



71.8705, 64.8047, 79.0530



19.1978, 20.0051, 20.1688



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.



74.5337, 75.6583, 62.9008



76.7676, 77.2247, 60.2944



81.7128, 90.0165, 65.2938



17.9333, 18.6025, 18.1079



24.6307, 18.2181, 2.2183



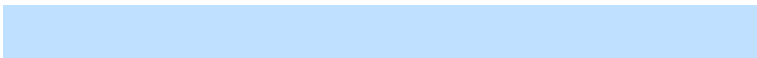
2.3868, 1.8984, 0.2406

Inverse Universe

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



66.0955, 71.2868, 99.0836



66.3473, 71.8258, 104.9746



59.8424, 58.7805, 96.9992



17.0285, 18.1338, 21.9880



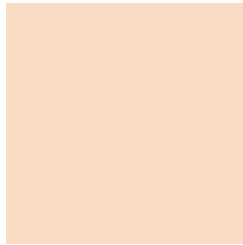
13.5168, 12.3892, 49.6525



1.3581, 1.3598, 4.6341

Previews

White Background



This preview shows how the XYZ color 74.5317, 75.6549, 62.8992 looks on a white background.

Color Contrast Check

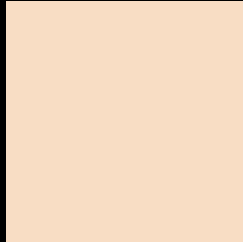
Large Text (above 18pt) WCAG AA × Fail

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 74.5317, 75.6549, 62.8992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

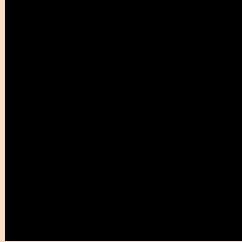
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5317, 75.6549, 62.8992

Background



This preview shows how black text looks on a background with the XYZ color 74.5317, 75.6549, 62.8992.



This preview shows how white text looks on a background with the XYZ color 74.5317, 75.6549,

62.8992.

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

74.5317, 75.6549, 62.8992

Protanopia

71.7103, 75.7605, 64.2698

Deuteranopia

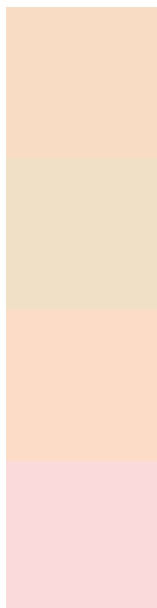
76.7367, 75.5729, 65.1862



Tritanopia

79.7719, 75.8776, 87.5322

Trichromacy



Original Color

74.5317, 75.6549, 62.8992

Protanomaly

72.6689, 75.8678, 63.6372

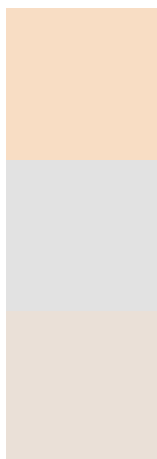
Deuteranomaly

75.7852, 75.4820, 64.6080

Tritanomaly

77.7733, 75.8193, 78.2456

Monochromacy



Original Color

74.5317, 75.6549, 62.8992

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8531, 75.7100, 75.0637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5317, 75.6549, 62.8992 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(248, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 196)  
}
```

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(248, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 196) }
```

Border

The CSS property to change the border of an element to XYZ 74.5317, 75.6549, 62.8992 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(248, 221, 196) }
```


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

```
.border{ border-color:rgb(248, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 221, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 221, 196);  
box-shadow:4px 4px 4px 4px rgb(248, 221,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5317, 75.6549, 62.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 196) }
```

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

```
.background{ background-color: rgb(248,  
221, 196) }
```

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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