

Converting Colors

XYZ(75.6655, 75.5361, 73.2105)

Have a look what the booklet for
XYZ(75.6655, 75.5361, 73.2105)
contains.

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Color

**XYZ(75.9612, 75.7647,
73.5712)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCD5
RGB	247, 220, 213
RGB Percent	97%, 86%, 84%
CMY	0.0314, 0.1372, 0.1647
CMYK	0.00, 0.11, 0.14, 0.03
HSL	12°, 68%, 90%
HSV	12°, 14%, 97%
XYZ	75.9612, 75.7647, 73.5712
YIQ	227.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

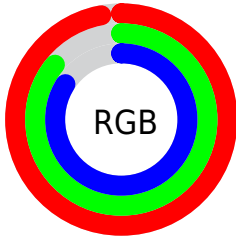
Format	Color
R_{YB}	247, 222, 213
Decimal	16243925
CIE Lab	89.75, 8.18, 6.83
CIE LCh	90, 10.658, 39.831
Yxy	75.7647, 0.3372, 0.3363
Android (android.graphics.Color)	4294434005 (0xFFFF7DCD5)
YUV	227.2750, -7.0376, 17.2988
Hunter-Lab	87.0429, 3.4495, 10.8164

Details

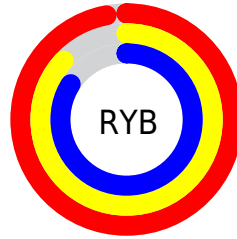
The XYZ color **75.9612, 75.7647, 73.5712** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3886, 83.1798, 100.0782**, and the grayscale version is **73.2558, 77.0708, 83.9301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8619, 40.3260, 37.9778** is the 20% darker color. If you saturate the color by 10%, you get **68.2135, 64.9098, 56.6811**, and if you desaturate by 10%, it is **84.7944, 88.0250, 93.1806**.

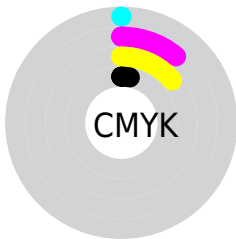
Distribution



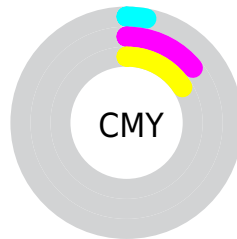
- Red (97%)
- Green (86%)
- Blue (84%)



- Red (97%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9612, 75.7647, 73.5712 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 75.9612, 75.7647, 73.5712 by changing the saturation by 10% instead.

 75.9612, 75.7647,
73.5712

 75.9612, 75.7647,
73.5712


470.1613,
480.5418, 492.1159

 56.6976, 56.2396,
53.9485


126.6527,
127.3942, 126.0162

 41.0017, 40.3950,
38.1676


158.8114,
160.2675, 159.6755

 28.5081, 27.8467,
25.8099


195.9991,
198.3588, 198.8509

 18.8514, 18.2101,
16.4570

238.5813,
242.0528, 243.9607

 11.6663, 11.1010,
9.6903

286.9232,
291.7336, 295.4236

 6.5875, 6.1348,
5.0912

341.3903,

 3.2495, 2.9272,

347.7858, 353.6580

2.2412

402.3479,
410.5938, 419.0826

■ 1.2870, 1.0938,
0.6980

■ 0.1735, 0.0000,
0.0000

■ 75.9612, 75.7647,
73.5712

■ 75.9612, 75.7647,
73.5712

■ 68.2135, 64.9098,
56.6811

■ 84.7944, 88.0250,
93.1806

■ 61.5028, 55.4000,
42.3852

■ 92.1681, 98.5143,
108.7651

■ 55.7860, 47.1854,
30.5557

■ 51.0146, 40.2093,
21.0521

■ 47.1357, 34.4107,
13.7195

■ 44.0911, 29.7230,
8.3841

■ 41.8152, 26.0730,
4.8452

■ 40.2311, 23.3778,
2.8590

■ 39.5370, 22.1321,
2.1881

Harmonies

Analogous

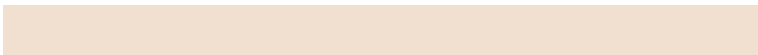
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1047, 75.7647, 80.0493



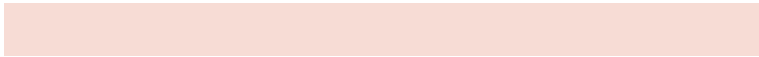
75.9612, 75.7647, 73.5712



73.7678, 75.7647, 69.6468

Triad

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



75.9612, 75.7647, 73.5712



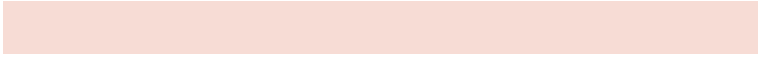
67.3738, 75.7647, 77.6069



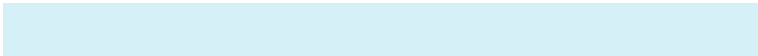
72.8780, 75.7647, 97.5857

Complementary

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



75.9612, 75.7647, 73.5712



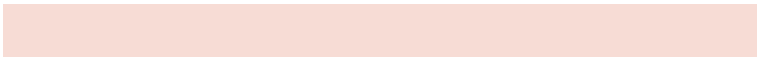
75.3886, 83.1798, 100.0782

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.



70.2845, 75.7647, 96.8331



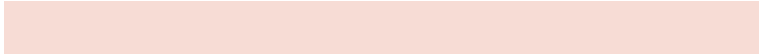
75.9612, 75.7647, 73.5712



67.1487, 75.7647, 84.9898

Square

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



75.9612, 75.7647, 73.5712



68.8248, 75.7647, 71.8768



68.2023, 75.7647, 92.1125



75.2963, 75.7647, 94.1104

Rectangle

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



75.9612, 75.7647, 73.5712



72.0269, 75.7647, 68.8575



68.2023, 75.7647, 92.1125



71.9972, 75.7647, 97.8235

Sweetspot

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



75.9633, 75.7681, 73.5728



90.9215, 94.3016, 99.6362



77.9107, 73.6668, 92.7074



19.2994, 19.9610, 20.9651



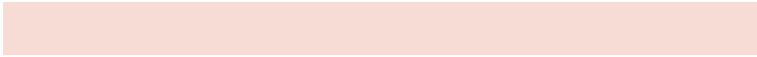
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.9633, 75.7681, 73.5728



78.8255, 77.4877, 72.8582



80.5951, 85.0317, 75.1167



16.7757, 17.0355, 17.2016



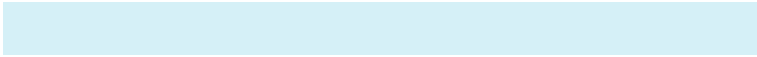
20.9905, 11.8667, 1.1842



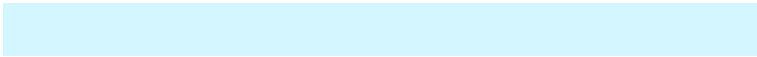
1.9154, 1.1841, 0.1276

Inverse Universe

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



75.3886, 83.1798, 100.0782



78.0773, 87.1186, 107.3082



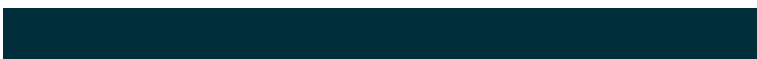
70.6711, 73.7448, 98.5057



16.6899, 18.1440, 21.1651



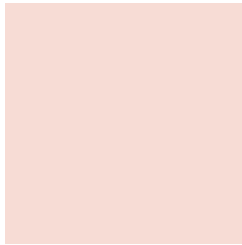
19.4373, 24.6684, 50.2750



1.7797, 2.3107, 4.4425

Previews

White Background



This preview shows how the XYZ color 75.9612, 75.7647, 73.5712 looks on a white background.

Color Contrast Check

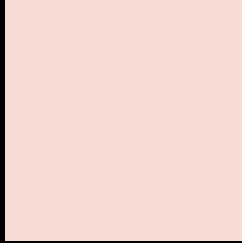
Large Text (above 18pt) WCAG AA × Fail

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 75.9612, 75.7647, 73.5712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

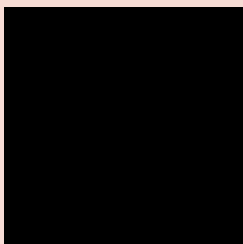
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

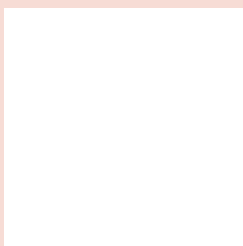
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9612, 75.7647, 73.5712

Background



This preview shows how black text looks on a background with the XYZ color 75.9612, 75.7647, 73.5712.



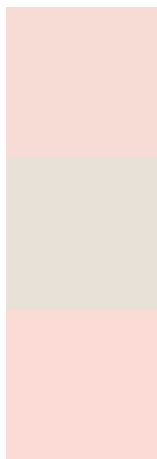
This preview shows how white text looks on a background with the XYZ color 75.9612, 75.7647,

73.5712.

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

75.9612, 75.7647, 73.5712

Protanopia

72.5986, 75.9641, 75.8019

Deuteranopia

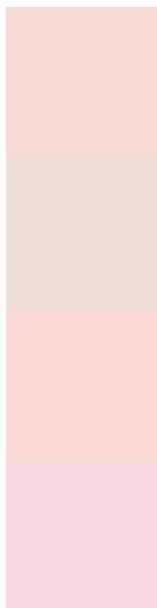
77.2265, 75.6424, 73.4809



Tritanopia

79.0885, 75.8902, 88.3218

Trichromacy



Original Color

75.9612, 75.7647, 73.5712

Protanomaly

73.5785, 75.6862, 75.0209

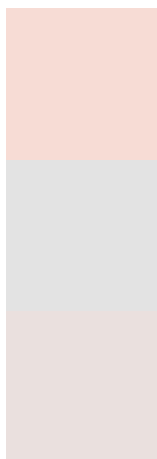
Deuteranomaly

76.7661, 75.7911, 73.5339

Tritanomaly

77.8658, 75.7735, 82.4733

Monochromacy



Original Color

75.9612, 75.7647, 73.5712

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7722, 76.0777, 79.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9612, 75.7647, 73.5712 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, 220, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 213)  
}
```

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, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.9612, 75.7647, 73.5712 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, 220, 213) }
```


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

```
.border{ border-color:rgb(247, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9612, 75.7647, 73.5712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 213) }
```

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

```
.background{ background-color: rgb(247,  
220, 213) }
```

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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