

Converting Colors

XYZ(76.2948, 73.0198, 84.2018)

Have a look what the booklet for
XYZ(76.2948, 73.0198, 84.2018)
contains.

XYZ(76.2949, 73.0198, 84.2018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2949, 73.0198,
84.2018)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D5E5
RGB	247, 213, 229
RGB Percent	97%, 84%, 90%
CMY	0.0314, 0.1647, 0.1020
CMYK	0.00, 0.14, 0.07, 0.03
HSL	332°, 68%, 90%
HSV	332°, 14%, 97%
XYZ	76.2949, 73.0198, 84.2018
YIQ	224.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

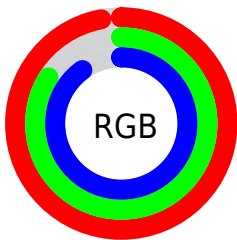
Format	Color
R _Y B	247, 213, 229
Decimal	16242149
CIE Lab	88.46, 14.44, -3.48
CIE LCh	88, 14.849, 346.454
Yxy	73.0198, 0.3267, 0.3127
Android (android.graphics.Color)	4294432229 (0xFFF7D5E5)
YUV	224.9900, 1.9769, 19.3028
Hunter-Lab	85.4516, 9.8322, 1.3933

Details

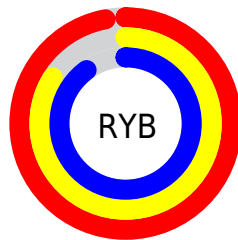
The XYZ color **76.2949, 73.0198, 84.2018** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1280, 86.4392, 88.3302**, and the grayscale version is **71.5413, 75.2670, 81.9657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1020, 38.4569, 45.3010** is the 20% darker color. If you saturate the color by 10%, you get **68.7916, 60.8255, 73.0285**, and if you desaturate by 10%, it is **84.8862, 87.1679, 96.4182**.

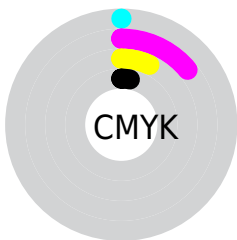
Distribution



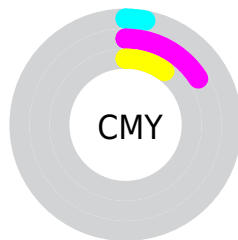
- Red (97%)
- Green (84%)
- Blue (90%)



- Red (97%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2949, 73.0198, 84.2018 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 76.2949, 73.0198, 84.2018 by changing the saturation by 10% instead.


 76.2949, 73.0198,
84.2018

 76.2949, 73.0198,
84.2018


471.2855,
471.0834, 529.0587

 56.9723, 53.9922,
62.6357


127.1218,
123.5053, 141.1217

 41.2230, 38.5954,
45.1075


159.3568,
155.7320, 177.3125

 28.6818, 26.4451,
31.1985


196.6266,
193.1271, 219.2154

 18.9833, 17.1569,
20.4903

239.2966,
236.0751, 267.2488

 11.7622, 10.3464,
12.5644

287.7321,
284.9603, 321.8313

 6.6530, 5.6293,
7.0021

342.2985,

 3.2904, 2.6210,

340.1672, 383.3814

3.3849

403.3612,
402.0801, 452.3177

■ 1.3091, 0.9372,
1.2944

■ 0.1901, 0.0000,
0.0572

■ 76.2949, 73.0198,
84.2018

■ 76.2949, 73.0198,
84.2018

■ 68.7916, 60.8255,
73.0285

■ 84.8862, 87.1679,
96.4182

■ 62.3242, 50.4887,
62.8636

■ 92.1682, 98.5144,
108.7651

■ 56.8460, 41.9198,
53.6770

■ 52.3035, 35.0173,
45.4348

■ 48.6385, 29.6698,
38.1012

■ 45.7854, 25.7518,
31.6369

■ 43.6686, 23.1183,
25.9988

■ 42.1968, 21.5924,
21.1375

■ 41.5234, 21.0405,
18.4628

Harmonies

Analogous

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



74.5000, 73.0198, 93.8383



76.2949, 73.0198, 84.2018



76.1989, 73.0198, 74.0652

Triad

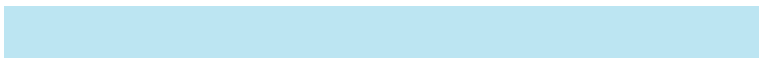
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2949, 73.0198, 84.2018



67.4764, 73.0198, 62.0983



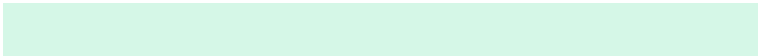
64.7792, 73.0198, 94.6285

Complementary

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



76.2949, 73.0198, 84.2018



75.1280, 86.4392, 88.3302

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.



63.0239, 73.0198, 85.2072



76.2949, 73.0198, 84.2018



64.5442, 73.0198, 66.7131

Square

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



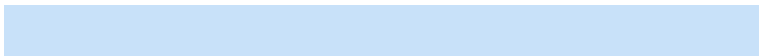
76.2949, 73.0198, 84.2018



71.0239, 73.0198, 61.8796



62.9394, 73.0198, 74.9884



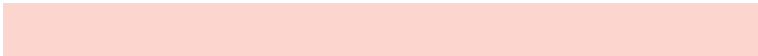
67.8072, 73.0198, 100.1975

Rectangle

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



76.2949, 73.0198, 84.2018



75.0739, 73.0198, 68.3847



62.9394, 73.0198, 74.9884



64.0254, 73.0198, 91.7724

Sweetspot

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



76.2970, 73.0230, 84.2034



91.0245, 93.3209, 103.3287



73.4008, 71.2244, 97.8758



19.3256, 19.7141, 21.8967



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

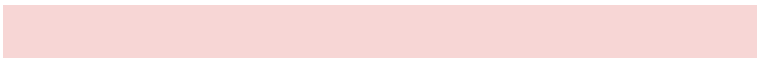
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2970, 73.0230, 84.2034



79.2683, 74.0010, 86.4848



74.3077, 72.4557, 73.0235



16.8237, 16.6123, 18.8182



22.0306, 11.1557, 10.1354



1.9878, 1.0011, 1.1619

Inverse Universe

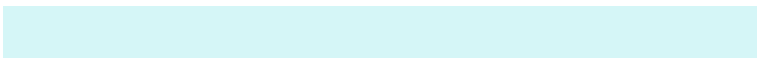
The Inverse Universe completely reimagines the original color for something new.



76.2970, 73.0230, 84.2034



79.2683, 74.0010, 86.4848



77.3191, 87.0388, 100.7218



16.8237, 16.6123, 18.8182



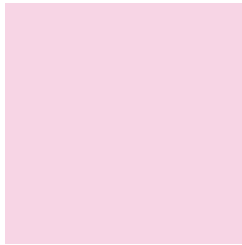
22.0306, 11.1557, 10.1354



1.9878, 1.0011, 1.1619

Previews

White Background



This preview shows how the XYZ color 76.2949, 73.0198, 84.2018 looks on a white background.

Color Contrast Check

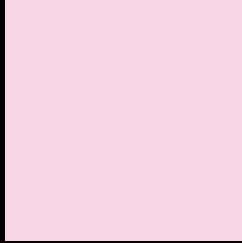
Large Text (above 18pt) WCAG AA × Fail

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 76.2949, 73.0198, 84.2018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

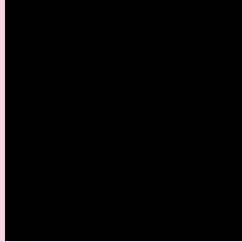
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2949, 73.0198, 84.2018

Background



This preview shows how black text looks on a background with the XYZ color 76.2949, 73.0198, 84.2018.



This preview shows how white text looks on a background with the XYZ color 76.2949, 73.0198,

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

76.2949, 73.0198, 84.2018

Protanopia

71.1392, 73.3414, 88.2488

Deuteranopia

74.7189, 72.9588, 84.2731



Tritanopia

76.4349, 73.0758, 84.9394

Trichromacy



Original Color

76.2949, 73.0198, 84.2018

Protanomaly

72.9156, 73.1248, 86.6154

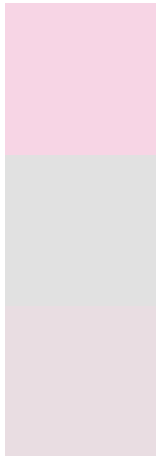
Deuteranomaly

75.1516, 72.8050, 84.2206

Tritanomaly

76.4349, 73.0758, 84.9394

Monochromacy



Original Color

76.2949, 73.0198, 84.2018

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1882, 74.5275, 82.4793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2949, 73.0198, 84.2018 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, 213, 229) looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 229)  
}
```

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, 213, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 229) }
```

Border

The CSS property to change the border of an element to XYZ 76.2949, 73.0198, 84.2018 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, 213, 229) }
```


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

```
.border{ border-color:rgb(247, 213, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 229);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2949, 73.0198, 84.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 229) }
```

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

```
.background{ background-color: rgb(247,  
213, 229) }
```

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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