

Converting Colors

XYZ(74.7860, 72.3183, 75.9573)

Have a look what the booklet for
XYZ(74.7860, 72.3183, 75.9573)
contains.

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Color

**XYZ(74.6764, 72.3724,
75.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D5D9
RGB	247, 213, 217
RGB Percent	97%, 84%, 85%
CMY	0.0314, 0.1647, 0.1490
CMYK	0.00, 0.14, 0.12, 0.03
HSL	353°, 68%, 90%
HSV	353°, 14%, 97%
XYZ	74.6764, 72.3724, 75.6790
YIQ	223.6220, 18.9800, 8.4520

Conversions

Conversions Part 2

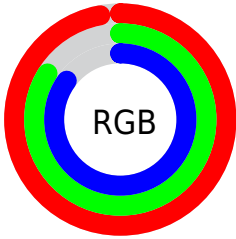
Format	Color
R_{YB}	247, 213, 217
Decimal	16242137
CIE _{Lab}	88.15, 12.46, 2.40
CIE _{LCh}	88, 12.690, 10.918
Yxy	72.3724, 0.3353, 0.3249
Android (android.graphics.Color)	4294432217 (0xFFFF7D5D9)
YUV	223.6220, -3.2646, 20.5025
Hunter-Lab	85.0720, 7.8118, 6.8067

Details

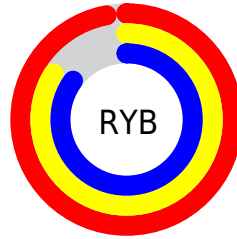
The XYZ color **74.6764, 72.3724, 75.6790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8818, 87.1405, 97.5660**, and the grayscale version is **70.5966, 74.2731, 80.8834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9837, 38.0095, 39.4116** is the 20% darker color. If you saturate the color by 10%, you get **66.2802, 59.8209, 59.8043**, and if you desaturate by 10%, it is **84.3973, 86.9724, 93.8445**.

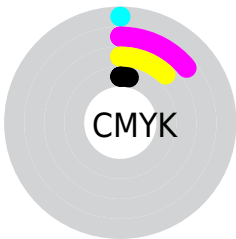
Distribution



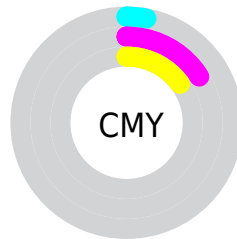
- Red (97%)
- Green (84%)
- Blue (85%)



- Red (97%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6764, 72.3724, 75.6790 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 74.6764, 72.3724, 75.6790 by changing the saturation by 10% instead.


 74.6764, 72.3724,
75.6790

 74.6764, 72.3724,
75.6790


465.8189,
468.8368, 499.5657

 55.6411, 53.4629,
55.6643


124.8445,
122.5858, 129.0290

 40.1511, 38.1725,
39.5316


156.7081,
154.6586, 163.2013

 27.8411, 26.1166,
26.8625


193.5784,
191.8879, 202.9299

 18.3458, 16.9109,
17.2385

235.8208,
234.6582, 248.6333

 11.2997, 10.1710,
10.2409

283.8007,
283.3538, 300.7300

 6.3376, 5.5125,
5.4513

337.8835,

 3.0940, 2.5510,

338.3592, 359.6386

2.4511

398.4344,
400.0587, 425.7777

■ 1.2037, 0.9021,
0.8141

■ 0.1093, 0.0000,
0.0000

■ 74.6764, 72.3724,
75.6790

■ 74.6764, 72.3724,
75.6790

■ 66.2802, 59.8209,
59.8043

■ 84.3973, 86.9724,
93.8445

■ 59.1454, 49.2173,
46.1247

■ 92.1681, 98.5143,
108.7651

■ 53.2127, 40.4665,
34.5449

■ 48.4154, 33.4621,
24.9605

■ 44.6803, 28.0866,
17.2583

■ 41.9258, 24.2080,
11.3134

■ 40.0579, 21.6740,
6.9859

■ 38.9639, 20.2992,
4.1141

■ 38.5803, 19.8632,
2.9650

Harmonies

Analogous

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



74.4496, 72.3724, 84.3904



74.6764, 72.3724, 75.6790



73.2909, 72.3724, 68.3570

Triad

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



74.6764, 72.3724, 75.6790



65.0371, 72.3724, 66.8386



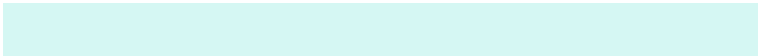
66.8982, 72.3724, 95.6686

Complementary

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



74.6764, 72.3724, 75.6790



76.8818, 87.1405, 97.5660

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.



64.4730, 72.3724, 90.2585



74.6764, 72.3724, 75.6790



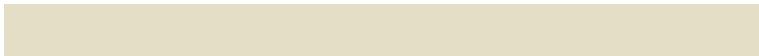
63.4206, 72.3724, 73.4644

Square

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



74.6764, 72.3724, 75.6790



67.6888, 72.3724, 63.5084



63.2172, 72.3724, 82.0082



69.8986, 72.3724, 96.3709

Rectangle

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



74.6764, 72.3724, 75.6790



71.6625, 72.3724, 65.0835



63.2172, 72.3724, 82.0082



65.9910, 72.3724, 94.3226

Sweetspot

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



74.6784, 72.3756, 75.6805



90.4663, 93.0976, 100.3894



77.3633, 73.2671, 98.0610



19.1847, 19.6577, 21.1547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

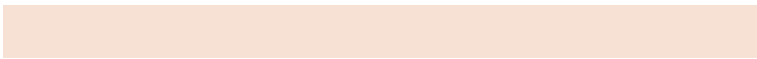
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6784, 72.3756, 75.6805



77.1873, 73.1687, 75.5267



77.4218, 78.6840, 74.0617



16.5783, 16.5142, 17.5261



20.4298, 10.5154, 1.7058



1.8207, 0.9343, 0.2823

Inverse Universe

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



74.6784, 72.3756, 75.6805



77.1873, 73.1687, 75.5267



73.8066, 80.0138, 99.5507



16.5783, 16.5142, 17.5261



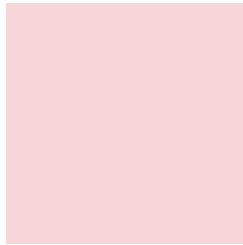
20.4298, 10.5154, 1.7058



1.8207, 0.9343, 0.2823

Previews

White Background



This preview shows how the XYZ color 74.6764, 72.3724, 75.6790 looks on a white background.

Color Contrast Check

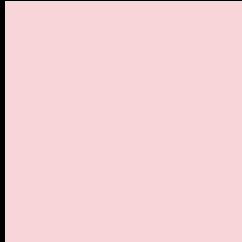
Large Text (above 18pt) WCAG AA × Fail

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 74.6764, 72.3724, 75.6790 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 74.6764, 72.3724, 75.6790

Background



This preview shows how black text looks on a background with the XYZ color 74.6764, 72.3724, 75.6790.



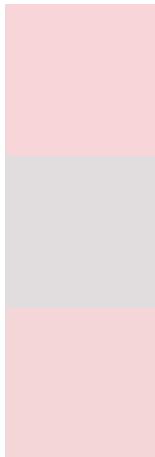
This preview shows how white text looks on a background with the XYZ color 74.6764, 72.3724,

75.6790.

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

74.6764, 72.3724, 75.6790

Protanopia

69.6957, 72.4144, 78.7106

Deuteranopia

73.8792, 72.3360, 75.7140



Tritanopia

76.0093, 72.1464, 83.3183

Trichromacy



Original Color

74.6764, 72.3724, 75.6790

Protanomaly

71.3354, 72.1167, 77.8703

Deuteranomaly

74.2271, 72.5154, 75.7303

Tritanomaly

75.7094, 72.4252, 80.5102

Monochromacy



Original Color

74.6764, 72.3724, 75.6790

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.9231, 73.5627, 78.8149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6764, 72.3724, 75.6790 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.6764, 72.3724, 75.6790 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, 217) }
```


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

```
.border{ border-color:rgb(247, 213, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 213, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 213, 217); box-shadow:4px 4px 4px 4px rgb(247, 213, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6764, 72.3724, 75.6790 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, 217) }
```

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

```
.background{ background-color: rgb(247,  
213, 217) }
```

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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