

Converting Colors

XYZ(74.2975, 72.2133, 75.5735)

Have a look what the booklet for
XYZ(74.2975, 72.2133, 75.5735)
contains.

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Color

**XYZ(74.3247, 72.1911,
75.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5D9
RGB	246, 213, 217
RGB Percent	96%, 84%, 85%
CMY	0.0353, 0.1647, 0.1490
CMYK	0.00, 0.13, 0.12, 0.04
HSL	353°, 65%, 90%
HSV	353°, 13%, 96%
XYZ	74.3247, 72.1911, 75.6626
YIQ	223.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

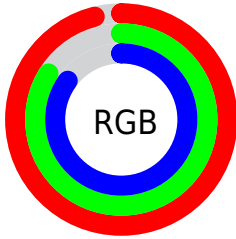
Format	Color
R _Y B	246, 213, 217
Decimal	16176601
CIE Lab	88.06, 12.11, 2.27
CIE LCh	88, 12.321, 10.600
Yxy	72.1911, 0.3345, 0.3249
Android (android.graphics.Color)	4294366681 (0xFFFF6D5D9)
YUV	223.3230, -3.1172, 19.8877
Hunter-Lab	84.9653, 7.4562, 6.6773

Details

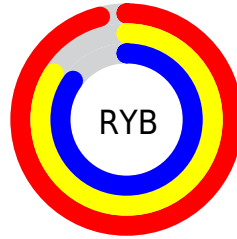
The XYZ color **74.3247, 72.1911, 75.6626** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4262, 86.4703, 96.6710**, and the grayscale version is **70.3829, 74.0483, 80.6386**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7347, 37.8812, 39.4000** is the 20% darker color. If you saturate the color by 10%, you get **65.9698, 59.6904, 59.9000**, and if you desaturate by 10%, it is **83.9906, 86.7226, 93.6817**.

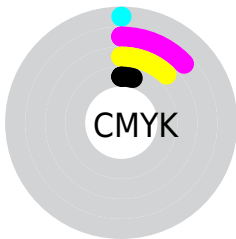
Distribution



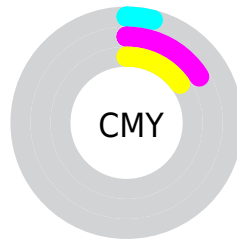
- Red (96%)
- Green (84%)
- Blue (85%)



- Red (96%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3247, 72.1911, 75.6626 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 74.3247, 72.1911, 75.6626 by changing the saturation by 10% instead.


 74.3247, 72.1911,
75.6626

 74.3247, 72.1911,
75.6626


464.6263,
468.2065, 499.5080

 55.3521, 53.3148,
55.6509


124.3490,
122.3282, 129.0056

 39.9186, 38.0541,
39.5210

156.1314,
154.3578, 163.1739

 27.6590, 26.0247,
26.8543


192.9144,
191.5405, 202.8982

 18.2079, 16.8421,
17.2324

235.0634,
234.2609, 248.5970

 11.2000, 10.1220,
10.2366

282.9437,
282.9033, 300.6888

 6.2698, 5.4799,
5.4485

336.9207,

 3.0520, 2.5315,

337.8521, 359.5923

2.4494

397.3598,
399.4917, 425.7258

■ 1.1813, 0.8924,
0.8132

■ 0.0916, 0.0000,
0.0000

■ 74.3247, 72.1911,
75.6626

■ 74.3247, 72.1911,
75.6626

■ 65.9698, 59.6904,
59.9000

■ 83.9906, 86.7226,
93.6817

■ 58.8636, 49.1210,
46.3004

■ 91.8164, 98.3330,
108.7487

■ 52.9477, 40.3894,
34.7704

■ 48.1563, 33.3903,
25.2084

■ 44.4177, 28.0081,
17.5037

■ 41.6516, 24.1129,
11.5348

■ 39.7658, 21.5547,
7.1655

■ 38.6500, 20.1518,
4.2387

■ 38.2381, 19.6857,
2.9986

Harmonies

Analogous

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



74.0881, 72.1911, 84.1064



74.3247, 72.1911, 75.6626



72.9988, 72.1911, 68.5295

Triad

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



74.3247, 72.1911, 75.6626



65.0012, 72.1911, 66.9385



66.7544, 72.1911, 94.8885

Complementary

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



74.3247, 72.1911, 75.6626



76.4262, 86.4703, 96.6710

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.



64.4112, 72.1911, 89.6200



74.3247, 72.1911, 75.6626



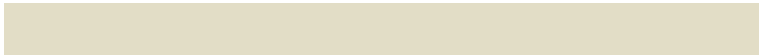
63.4192, 72.1911, 73.3466

Square

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



74.3247, 72.1911, 75.6626



67.5806, 72.1911, 63.7369



63.2064, 72.1911, 81.6203



69.6608, 72.1911, 95.6196

Rectangle

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



74.3247, 72.1911, 75.6626



71.4288, 72.1911, 65.3231



63.2064, 72.1911, 81.6203



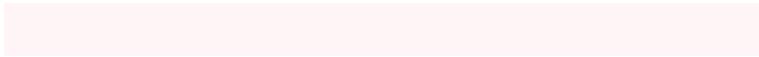
65.8770, 72.1911, 93.5726

Sweetspot

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



74.3267, 72.1943, 75.6641



90.4719, 93.0998, 100.4188



76.9118, 73.0522, 97.2364



19.1861, 19.6582, 21.1621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

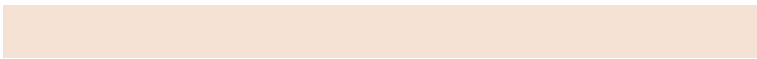
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3267, 72.1943, 75.6641



78.1419, 74.5763, 77.3912



76.9708, 78.3042, 74.0121



16.5808, 16.5152, 17.5388



20.4363, 10.5179, 1.7398



1.8219, 0.9347, 0.2883

Inverse Universe

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



74.3267, 72.1943, 75.6641



78.1419, 74.5763, 77.3912



73.4722, 79.5912, 98.6799



16.5808, 16.5152, 17.5388



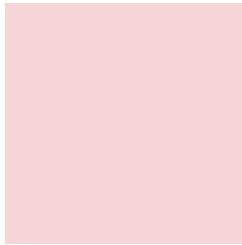
20.4363, 10.5179, 1.7398



1.8219, 0.9347, 0.2883

Previews

White Background



This preview shows how the XYZ color 74.3247, 72.1911, 75.6626 looks on a white background.

Color Contrast Check

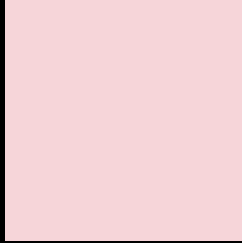
Large Text (above 18pt) WCAG AA × Fail

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 74.3247, 72.1911, 75.6626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

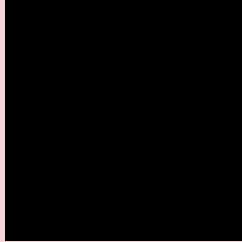
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3247, 72.1911, 75.6626

Background



This preview shows how black text looks on a background with the XYZ color 74.3247, 72.1911, 75.6626.



This preview shows how white text looks on a background with the XYZ color 74.3247, 72.1911,

75.6626.

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

74.3247, 72.1911, 75.6626

Protanopia

69.6957, 72.4144, 78.7106

Deuteranopia

73.8792, 72.3360, 75.7140



Tritanopia

75.6556, 71.9641, 83.3018

Trichromacy



Original Color

74.3247, 72.1911, 75.6626

Protanomaly

71.3354, 72.1167, 77.8703

Deuteranomaly

74.2271, 72.5154, 75.7303

Tritanomaly

75.3558, 72.2429, 80.4936

Monochromacy



Original Color

74.3247, 72.1911, 75.6626

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3377, 72.8724, 78.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3247, 72.1911, 75.6626 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(246, 213, 217) looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.3247, 72.1911, 75.6626 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(246, 213, 217) }
```


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

```
.border{ border-color:rgb(246, 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(246, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3247, 72.1911, 75.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 217) }
```

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

```
.background{ background-color: rgb(246,  
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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