

Converting Colors

XYZ(75.4173, 74.1641, 75.7922)

Have a look what the booklet for
XYZ(75.4173, 74.1641, 75.7922)
contains.

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Color

**XYZ(75.6950, 74.4096,
76.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D9D9
RGB	247, 217, 217
RGB Percent	97%, 85%, 85%
CMY	0.0314, 0.1490, 0.1490
CMYK	0.00, 0.12, 0.12, 0.03
HSL	0°, 65%, 91%
HSV	0°, 12%, 97%
XYZ	75.6950, 74.4096, 76.0186
YIQ	225.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

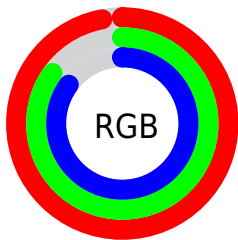
Format	Color
R _Y B	247, 217, 217
Decimal	16243161
CIE Lab	89.12, 10.38, 3.81
CIE LCh	89, 11.053, 20.155
Yxy	74.4096, 0.3348, 0.3291
Android (android.graphics.Color)	4294433241 (0xFFF7D9D9)
YUV	225.9700, -4.4222, 18.4433
Hunter-Lab	86.2610, 5.6790, 8.1326

Details

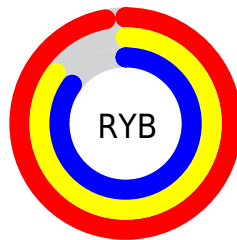
The XYZ color **75.6950, 74.4096, 76.0186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.6641, 87.9869, 100.8336**, and the grayscale version is **72.2907, 76.0554, 82.8244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6771, 39.3964, 39.6428** is the 20% darker color. If you saturate the color by 10%, you get **66.8236, 61.4287, 58.3794**, and if you desaturate by 10%, it is **86.0040, 89.4945, 96.5109**.

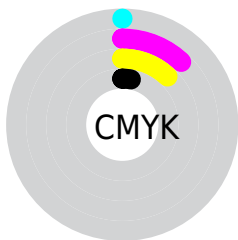
Distribution



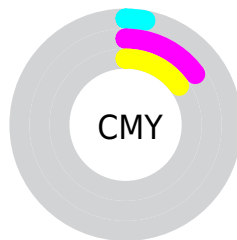
- Red (97%)
- Green (85%)
- Blue (85%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6950, 74.4096, 76.0186 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 75.6950, 74.4096, 76.0186 by changing the saturation by 10% instead.


 75.6950, 74.4096,
76.0186

 75.6950, 74.4096,
76.0186


469.2634,
475.8858, 500.7599

 56.4786, 55.1293,
55.9410


126.2783,
125.4763, 129.5135

 40.8253, 39.5053,
39.7520

158.3760,
158.0315, 163.7679

 28.3697, 27.1530,
27.0329


195.4982,
195.7805, 203.5851

 18.7464, 17.6882,
17.3653

238.0101,
239.1076, 249.3834

 11.5901, 10.7264,
10.3306

286.2773,
288.3973, 301.5815

 6.5354, 5.8831,
5.5102

340.6650,

 3.2170, 2.7742,

344.0340, 360.5979

2.4857

401.5386,
406.4021, 426.8512

■ 1.2695, 1.0150,
0.8326

■ 0.1602, 0.0000,
0.0000

■ 75.6950, 74.4096,
76.0186

■ 75.6950, 74.4096,
76.0186

■ 66.8236, 61.4287,
58.3794

■ 86.0040, 89.4945,
96.5109

■ 59.3201, 50.4491,
43.4625

■ 92.1681, 98.5143,
108.7651

■ 53.1184, 41.3743,
31.1338

■ 48.1444, 34.0958,
21.2459

■ 44.3166, 28.4944,
13.6369

■ 41.5436, 24.4365,
8.1250

■ 39.7202, 21.7680,
4.5010

■ 38.7194, 20.3033,
2.5124

■ 38.3585, 19.7751,
1.7953

Harmonies

Analogous

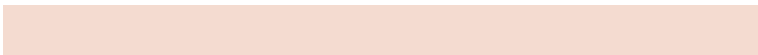
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9472, 74.4096, 83.5804



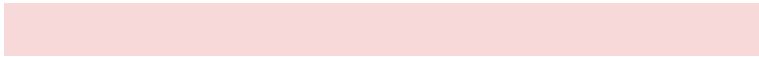
75.6950, 74.4096, 76.0186



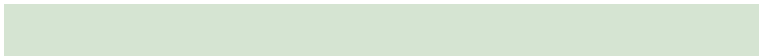
74.0924, 74.4096, 70.1632

Triad

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



75.6950, 74.4096, 76.0186



66.8242, 74.4096, 71.8884



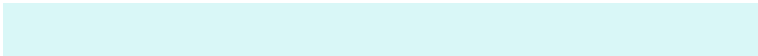
69.8428, 74.4096, 96.5191

Complementary

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



75.6950, 74.4096, 76.0186



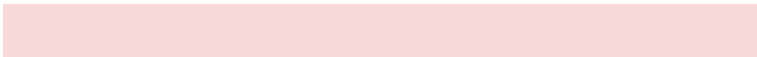
78.6641, 87.9869, 100.8336

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.



67.4595, 74.4096, 92.9413



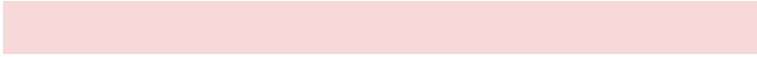
75.6950, 74.4096, 76.0186



65.7462, 74.4096, 78.5113

Square

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



75.6950, 74.4096, 76.0186



68.9557, 74.4096, 67.8856



65.9757, 74.4096, 86.2349



72.5225, 74.4096, 95.7465

Rectangle

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



75.6950, 74.4096, 76.0186



72.4957, 74.4096, 67.8613



65.9757, 74.4096, 86.2349



68.9816, 74.4096, 95.7771

Sweetspot

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



75.6971, 74.4129, 76.0202



90.2833, 93.0251, 99.4234



79.9600, 76.1163, 98.4740



19.1386, 19.6394, 20.9115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

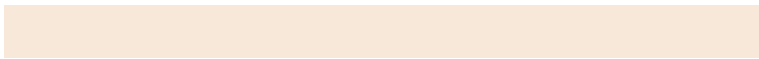
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6971, 74.4129, 76.0202



78.4818, 75.7565, 75.9613



79.7397, 82.4981, 77.3677



16.4994, 16.4829, 17.1095



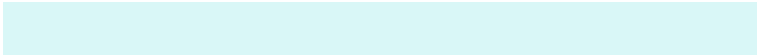
20.2865, 10.4585, 0.9495



1.7830, 0.9193, 0.0835

Inverse Universe

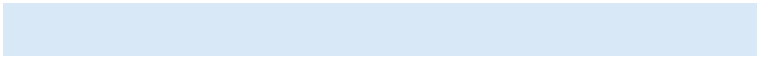
The Inverse Universe completely reimagines the original color for something new.



78.6641, 87.9869, 100.8336



82.3493, 93.4499, 108.3051



74.2614, 79.1814, 99.3660



16.9966, 18.7574, 21.2673



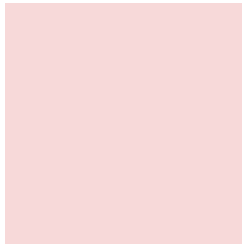
26.4638, 38.7213, 52.6172



2.3260, 3.4034, 4.6246

Previews

White Background



This preview shows how the XYZ color 75.6950, 74.4096, 76.0186 looks on a white background.

Color Contrast Check

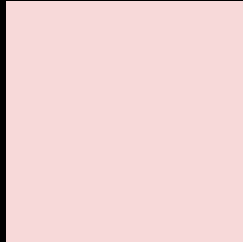
Large Text (above 18pt) WCAG AA × Fail

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 75.6950, 74.4096, 76.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

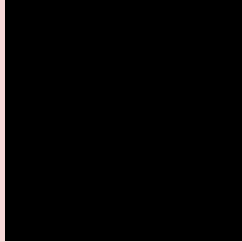
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6950, 74.4096, 76.0186

Background



This preview shows how black text looks on a background with the XYZ color 75.6950, 74.4096, 76.0186.

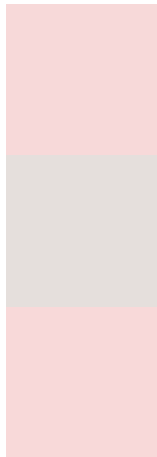


This preview shows how white text looks on a background with the XYZ color 75.6950, 74.4096,

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

75.6950, 74.4096, 76.0186

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

76.0486, 74.5919, 76.0351



Tritanopia

77.9328, 74.5668, 86.6293

Trichromacy



Original Color

75.6950, 74.4096, 76.0186

Protanomaly

73.2347, 74.6602, 77.5688

Deuteranomaly

76.0486, 74.5919, 76.0351

Tritanomaly

77.1324, 74.6142, 83.0097

Monochromacy



Original Color

75.6950, 74.4096, 76.0186

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.6386, 75.5955, 80.5223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6950, 74.4096, 76.0186 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, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 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, 217, 217) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 75.6950, 74.4096, 76.0186 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, 217, 217) }
```


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

```
.border{ border-color:rgb(247, 217, 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, 217, 217)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 75.6950, 74.4096, 76.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 217) }
```

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

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