

Converting Colors

XYZ(121.4687, 96.9793,
77.8223)

Have a look what the booklet for
XYZ(121.4687, 96.9793, 77.8223)
contains.

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Color

**XYZ(77.8110, 74.3629,
75.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D9
RGB	255, 214, 217
RGB Percent	100%, 84%, 85%
CMY	0.0000, 0.1608, 0.1490
CMYK	0.00, 0.16, 0.15, 0.00
HSL	356°, 100%, 92%
HSV	356°, 16%, 100%
XYZ	77.8110, 74.3629, 75.8980
YIQ	226.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

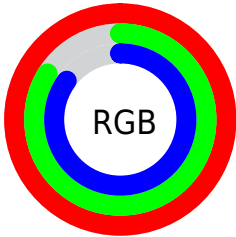
Format	Color
R _Y B	255, 214, 217
Decimal	16766681
CIE Lab	89.09, 14.75, 3.86
CIE LCh	89, 15.247, 14.681
Yxy	74.3629, 0.3412, 0.3261
Android (android.graphics.Color)	4294956761 (0xFFFFD6D9)
YUV	226.6010, -4.7333, 24.9059
Hunter-Lab	86.2339, 10.1556, 8.1802

Details

The XYZ color **77.8110, 74.3629, 75.8980** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0647, 92.8456, 105.7477**, and the grayscale version is **72.7468, 76.5353, 83.3469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2084, 39.4107, 39.5648** is the 20% darker color. If you saturate the color by 10%, you get **68.9979, 61.3096, 58.8630**, and if you desaturate by 10%, it is **88.0781, 89.6190, 95.5920**.

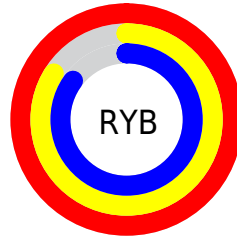
Distribution



Red (100%)

Green (84%)

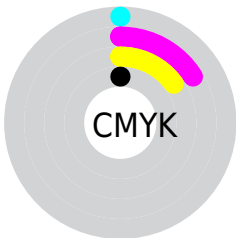
Blue (85%)



Red (100%)

Yellow (84%)

Blue (85%)

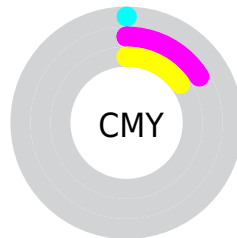


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8110, 74.3629, 75.8980 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 77.8110, 74.3629, 75.8980 by changing the saturation by 10% instead.


 77.8110, 74.3629,
75.8980

 77.8110, 74.3629,
75.8980


476.3744,
475.7249, 500.3360

 58.2210, 55.0911,
55.8427

129.2504,
125.4101, 129.3415

 42.2303, 39.4747,
39.6737


161.8306,
157.9543, 163.5668

 29.4735, 27.1292,
26.9724

199.4714,
195.6915, 203.3524

 19.5854, 17.6703,
17.3202

242.5384,
239.0059, 249.1171

 12.2006, 10.7135,
10.2987

291.3968,
288.2821, 301.2792

 6.9536, 5.8745,
5.4893

346.4120,

 3.4792, 2.7689,

343.9044, 360.2574

2.4734

407.9494,
406.2572, 426.4701

■ 1.4119, 1.0123,
0.8260

■ 0.2647, 0.0000,
0.0000

■ 77.8110, 74.3629,
75.8980

■ 77.8110, 74.3629,
75.8980

■ 68.9979, 61.3096,
58.8630

■ 88.0781, 89.6190,
95.5920

■ 61.5683, 50.3485,
44.3687

95.0500, 100.0000,
108.9000

■ 55.4532, 41.3737,
32.2946

■ 50.5759, 34.2661,
22.5087

■ 46.8518, 28.8941,
14.8665

■ 44.1853, 25.1086,
9.2068

■ 42.4656, 22.7359,
5.3455

■ 41.5571, 21.5606,
3.0641

■ 41.3544, 21.3058,
2.5326

Harmonies

Analogous

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



77.7891, 74.3629, 86.4896



77.8110, 74.3629, 75.8980



75.8768, 74.3629, 67.4296

Triad

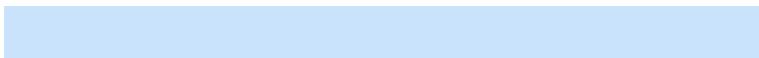
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8110, 74.3629, 75.8980



65.7791, 74.3629, 67.2872



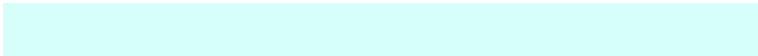
68.8109, 74.3629, 102.3256

Complementary

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



77.8110, 74.3629, 75.8980



81.0647, 92.8456, 105.7477

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.



65.7255, 74.3629, 96.2083



77.8110, 74.3629, 75.8980



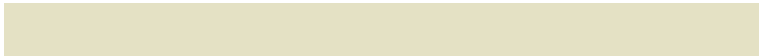
64.0173, 74.3629, 75.6876

Square

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



77.8110, 74.3629, 75.8980



68.8863, 74.3629, 62.7617



63.9980, 74.3629, 86.2601



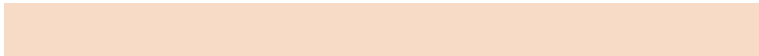
72.5040, 74.3629, 102.3944

Rectangle

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



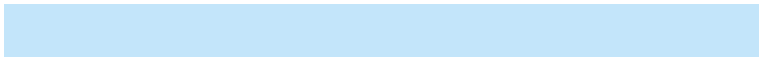
77.8110, 74.3629, 75.8980



73.7761, 74.3629, 63.8618



63.9980, 74.3629, 86.2601



67.6712, 74.3629, 100.8862

Sweetspot

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



77.8127, 74.3660, 75.8995



89.2717, 91.3952, 97.8738



82.0924, 75.9340, 104.9377



18.9405, 19.3134, 20.6293



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

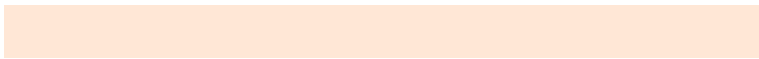
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8127, 74.3660, 75.8995



75.0881, 70.3255, 70.6483



81.9786, 83.3158, 75.3832



18.0632, 18.0086, 18.9500



21.6279, 11.1404, 1.4250



2.1237, 1.0918, 0.2326

Inverse Universe

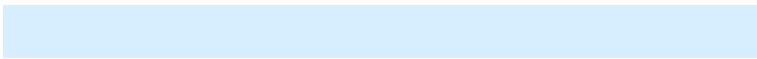
The Inverse Universe completely reimagines the original color for something new.



77.8127, 74.3660, 75.8995



75.0881, 70.3255, 70.6483



76.3343, 82.6191, 106.5316



18.0632, 18.0086, 18.9500



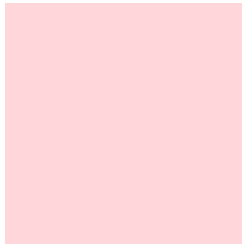
21.6279, 11.1404, 1.4250



2.1237, 1.0918, 0.2326

Previews

White Background



This preview shows how the XYZ color 77.8110, 74.3629, 75.8980 looks on a white background.

Color Contrast Check

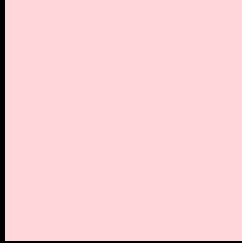
Large Text (above 18pt) WCAG AA × Fail

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 77.8110, 74.3629, 75.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

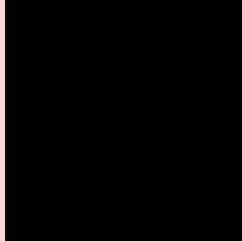
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8110, 74.3629, 75.8980

Background



This preview shows how black text looks on a background with the XYZ color 77.8110, 74.3629, 75.8980.



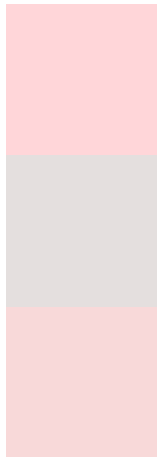
This preview shows how white text looks on a background with the XYZ color 77.8110, 74.3629,

75.8980.

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

77.8110, 74.3629, 75.8980

Protanopia

71.5674, 74.5433, 79.7235

Deuteranopia

76.0486, 74.5919, 76.0351



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

77.8110, 74.3629, 75.8980

Protanomaly

73.7714, 74.5308, 78.2079

Deuteranomaly

76.8639, 74.6307, 75.9996

Tritanomaly

78.4888, 74.2303, 80.7121

Monochromacy



Original Color

77.8110, 74.3629, 75.8980

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3656, 75.5748, 80.4799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8110, 74.3629, 75.8980 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(255, 214, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.8110, 74.3629, 75.8980 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(255, 214, 217) }
```


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

```
.border{ border-color:rgb(255, 214, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8110, 74.3629, 75.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 217) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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