

Converting Colors

XYZ(76.9326, 72.5936, 75.6441)

Have a look what the booklet for
XYZ(76.9326, 72.5936, 75.6441)
contains.

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Color

**XYZ(76.8110, 72.3629,
75.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D9
RGB	255, 210, 217
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1764, 0.1490
CMYK	0.00, 0.18, 0.15, 0.00
HSL	351°, 100%, 91%
HSV	351°, 18%, 100%
XYZ	76.8110, 72.3629, 75.5647
YIQ	224.2530, 24.5730, 11.7170

Conversions

Conversions Part 2

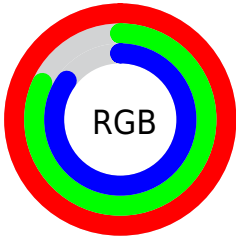
Format	Color
R _Y B	255, 210, 217
Decimal	16765657
CIE Lab	88.14, 16.84, 2.48
CIE LCh	88, 17.018, 8.397
Yxy	72.3629, 0.3418, 0.3220
Android (android.graphics.Color)	4294955737 (0xFFFFD2D9)
YUV	224.2530, -3.5757, 26.9651
Hunter-Lab	85.0664, 12.3110, 6.8790

Details

The XYZ color **76.8110, 72.3629, 75.5647** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2840, 92.0001, 102.3897**, and the grayscale version is **71.0463, 74.7463, 81.3987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5316, 38.0571, 39.3392** is the 20% darker color. If you saturate the color by 10%, you get **68.3889, 59.7128, 59.8277**, and if you desaturate by 10%, it is **86.6050, 87.1715, 93.5642**.

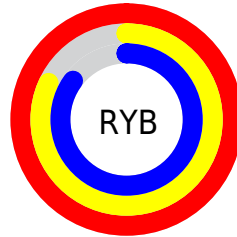
Distribution



Red (100%)

Green (82%)

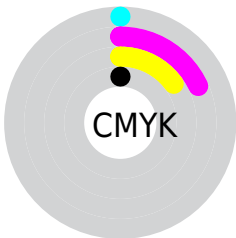
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

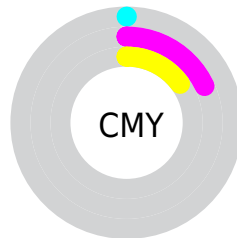


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8110, 72.3629, 75.5647 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 76.8110, 72.3629, 75.5647 by changing the saturation by 10% instead.


 76.8110, 72.3629,
75.5647

 76.8110, 72.3629,
75.5647


473.0212,
468.8037, 499.1634

 57.3972, 53.4552,
55.5711


127.8469,
122.5723, 128.8658

 41.5656, 38.1663,
39.4575


160.1997,
154.6428, 163.0105

 28.9509, 26.1118,
26.8052


197.5962,
191.8697, 202.7092

 19.1878, 16.9073,
17.1959

240.4017,
234.6374, 248.3806

 11.9108, 10.1684,
10.2108

288.9816,
283.3302, 300.4432

 6.7548, 5.5108,
5.4315

343.7012,

 3.3542, 2.5499,

338.3326, 359.3155

2.4395

404.9260,
400.0290, 425.4160

■ 1.3437, 0.9016,
0.8078

■ 0.2156, 0.0000,
0.0000

■ 76.8110, 72.3629,
75.5647

■ 76.8110, 72.3629,
75.5647

■ 68.3889, 59.7128,
59.8277

■ 86.6050, 87.1715,
93.5642

■ 61.2724, 49.1116,
46.2591

95.0500, 100.0000,
108.9000

■ 55.3969, 40.4539,
34.7645

■ 50.6904, 33.6213,
25.2409

■ 47.0734, 28.4823,
17.5764

■ 44.4562, 24.8879,
11.6476

■ 42.7342, 22.6630,
7.3156

■ 41.7734, 21.5777,
4.4175

■ 41.6170, 21.4108,
3.9153

Harmonies

Analogous

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



76.3109, 72.3629, 87.3301



76.8110, 72.3629, 75.5647



75.0932, 72.3629, 65.6798

Triad

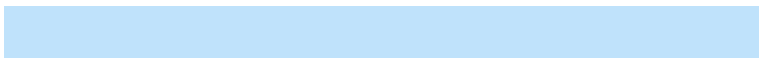
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8110, 72.3629, 75.5647



64.0339, 72.3629, 62.5054



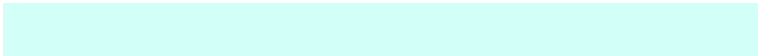
65.9388, 72.3629, 101.5088

Complementary

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



76.8110, 72.3629, 75.5647



79.2840, 92.0001, 102.3897

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.



62.8286, 72.3629, 93.5401



76.8110, 72.3629, 75.5647



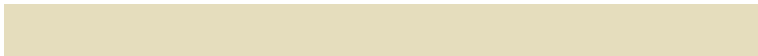
61.7593, 72.3629, 70.8273

Square

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



76.8110, 72.3629, 75.5647



67.6428, 72.3629, 58.6417



61.3270, 72.3629, 82.1076



69.9273, 72.3629, 103.0959

Rectangle

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



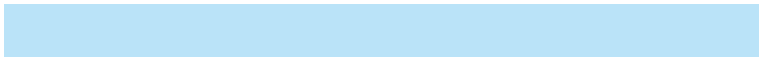
76.8110, 72.3629, 75.5647



72.9599, 72.3629, 61.2097



61.3270, 72.3629, 82.1076



64.7605, 72.3629, 99.4524

Sweetspot

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



76.8126, 72.3660, 75.5662



89.4310, 91.4590, 98.7128



79.6328, 73.1815, 104.5361



18.9791, 19.3288, 20.8324



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

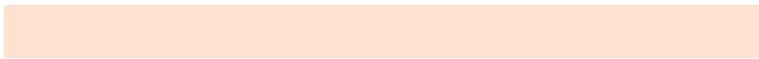
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8126, 72.3660, 75.5662



73.8366, 67.8854, 70.0380



79.7999, 79.7660, 72.1671



18.1245, 18.0331, 19.2727



21.7798, 11.2012, 2.2247



2.1524, 1.1033, 0.3841

Inverse Universe

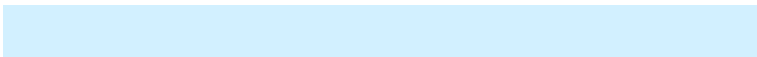
The Inverse Universe completely reimagines the original color for something new.



76.8126, 72.3660, 75.5662



73.8366, 67.8854, 70.0380



75.7907, 83.2439, 106.6808



18.1245, 18.0331, 19.2727



21.7798, 11.2012, 2.2247



2.1524, 1.1033, 0.3841

Previews

White Background



This preview shows how the XYZ color 76.8110, 72.3629, 75.5647 looks on a white background.

Color Contrast Check

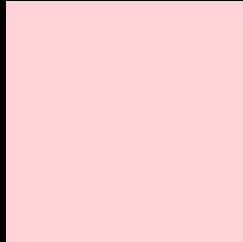
Large Text (above 18pt) WCAG AA × Fail

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 76.8110, 72.3629, 75.5647 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 76.8110, 72.3629, 75.5647

Background



This preview shows how black text looks on a background with the XYZ color 76.8110, 72.3629, 75.5647.



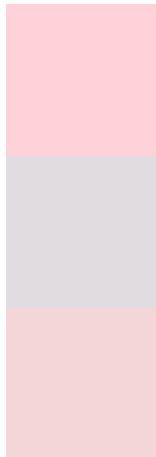
This preview shows how white text looks on a background with the XYZ color 76.8110, 72.3629,

75.5647.

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

76.8110, 72.3629, 75.5647

Protanopia

69.9638, 72.5217, 80.1226

Deuteranopia

74.0974, 72.4635, 75.0472



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

76.8110, 72.3629, 75.5647

Protanomaly

72.1991, 72.1651, 78.5306

Deuteranomaly

75.2558, 72.6861, 75.0292

Tritanomaly

77.2253, 72.1349, 78.9604

Monochromacy



Original Color

76.8110, 72.3629, 75.5647

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6436, 73.5457, 78.7736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8110, 72.3629, 75.5647 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, 210, 217) looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 217) }
```

Border

The CSS property to change the border of an element to XYZ 76.8110, 72.3629, 75.5647 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, 210, 217) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8110, 72.3629, 75.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 217) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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