

Converting Colors

XYZ(148.5760, 109.1770,
83.8312)

Have a look what the booklet for
XYZ(148.5760, 109.1770, 83.8312)
contains.

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Color

**XYZ(77.7411, 72.7350,
80.4629)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E0
RGB	255, 210, 224
RGB Percent	100%, 82%, 88%
CMY	0.0000, 0.1764, 0.1216
CMYK	0.00, 0.18, 0.12, 0.00
HSL	341°, 100%, 91%
HSV	341°, 18%, 100%
XYZ	77.7411, 72.7350, 80.4629
YIQ	225.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

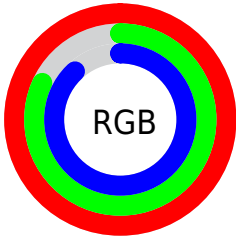
Format	Color
R_{YB}	255, 210, 224
Decimal	16765664
CIE Lab	88.32, 17.94, -0.95
CIE LCh	88, 17.965, 356.956
Yxy	72.7350, 0.3366, 0.3150
Android (android.graphics.Color)	4294955744 (0xFFFFD2E0)
YUV	225.0510, -0.5181, 26.2653
Hunter-Lab	85.2848, 13.4627, 3.7616

Details

The XYZ color **77.7411, 72.7350, 80.4629** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2180, 91.5737, 96.7757**, and the grayscale version is **71.5986, 75.3273, 82.0314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1715, 38.3130, 42.7086** is the 20% darker color. If you saturate the color by 10%, you get **69.6791, 60.2289, 66.6217**, and if you desaturate by 10%, it is **87.0559, 87.3519, 95.9382**.

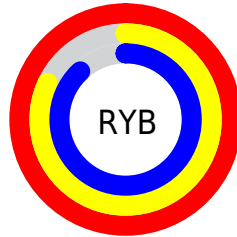
Distribution



Red (100%)

Green (82%)

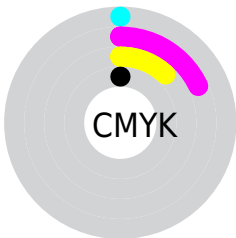
Blue (88%)



Red (100%)

Yellow (82%)

Blue (88%)

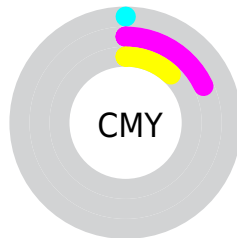


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7411, 72.7350, 80.4629 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 77.7411, 72.7350, 80.4629 by changing the saturation by 10% instead.


 77.7411, 72.7350,
80.4629

 77.7411, 72.7350,
80.4629


476.1404,
470.0958, 516.2393

 58.1634, 53.7593,
59.5709


129.1524,
123.1009, 135.8336

 42.1838, 38.4093,
42.6499

161.7167,
155.2600, 171.1495

 29.4370, 26.3005,
29.2811


199.3405,
192.5822, 212.1103

 19.5576, 17.0486,
19.0462

242.3892,
235.4521, 259.1348

 12.1802, 10.2691,
11.5265

291.2282,
284.2540, 312.6414

 6.9396, 5.5778,
6.3035

346.2229,

 3.4704, 2.5901,

339.3724, 373.0487

2.9588

407.7385,
401.1915, 440.7751

■ 1.4071, 0.9217,
1.0736

■ 0.2613, 0.0000,
0.0000

■ 77.7411, 72.7350,
80.4629

■ 77.7411, 72.7350,
80.4629

■ 69.6791, 60.2289,
66.6217

■ 87.0559, 87.3519,
95.9382

■ 62.8098, 49.7266,
54.3551

95.0500, 100.0000,
108.9000

■ 57.0760, 41.1256,
43.6064

■ 52.4134, 34.3105,
34.3136

■ 48.7509, 29.1533,
26.4101

■ 46.0088, 25.5090,
19.8234

■ 44.0934, 23.2067,
14.4734

■ 42.8842, 22.0220,
10.2666

■ 42.6629, 21.8292,
9.4228

Harmonies

Analogous

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



76.3133, 72.7350, 92.8532



77.7411, 72.7350, 80.4629



76.7842, 72.7350, 68.9187

Triad

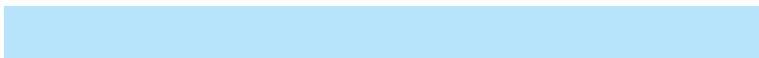
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7411, 72.7350, 80.4629



65.4440, 72.7350, 59.8713



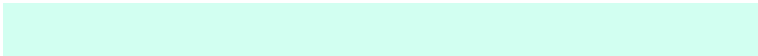
64.7120, 72.7350, 100.7997

Complementary

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



77.7411, 72.7350, 80.4629



78.2180, 91.5737, 96.7757

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.



62.0067, 72.7350, 90.4474



77.7411, 72.7350, 80.4629



62.4168, 72.7350, 66.9483

Square

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



77.7411, 72.7350, 80.4629



69.5734, 72.7350, 57.7843



61.1840, 72.7350, 77.9426



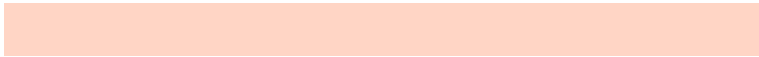
68.6934, 72.7350, 105.3347

Rectangle

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



77.7411, 72.7350, 80.4629



74.9437, 72.7350, 63.0885



61.1840, 72.7350, 77.9426



63.6297, 72.7350, 97.8354

Sweetspot

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



77.7428, 72.7381, 80.4644



89.7343, 91.5803, 100.3099



77.2891, 71.9733, 104.4264



19.0526, 19.3582, 21.2193



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

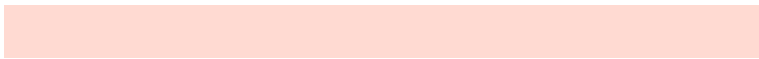
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7428, 72.7381, 80.4644



74.9006, 68.3110, 75.6406



78.0112, 76.1886, 71.5710



18.2421, 18.0801, 19.8918



22.3509, 11.4297, 5.2325



2.2229, 1.1315, 0.7551

Inverse Universe

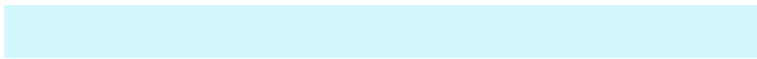
The Inverse Universe completely reimagines the original color for something new.



77.7428, 72.7381, 80.4644



74.9006, 68.3110, 75.6406



77.8148, 87.2919, 107.3555



18.2421, 18.0801, 19.8918



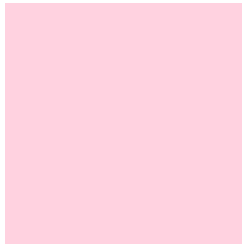
22.3509, 11.4297, 5.2325



2.2229, 1.1315, 0.7551

Previews

White Background



This preview shows how the XYZ color 77.7411, 72.7350, 80.4629 looks on a white background.

Color Contrast Check

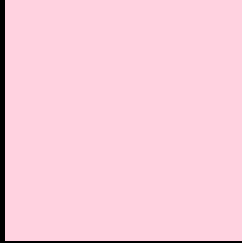
Large Text (above 18pt) WCAG AA × Fail

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 77.7411, 72.7350, 80.4629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

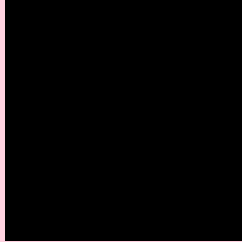
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7411, 72.7350, 80.4629

Background



This preview shows how black text looks on a background with the XYZ color 77.7411, 72.7350, 80.4629.



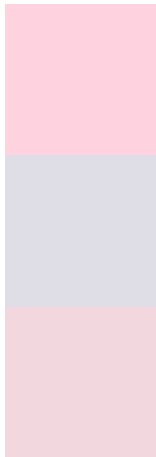
This preview shows how white text looks on a background with the XYZ color 77.7411, 72.7350,

80.4629.

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

77.7411, 72.7350, 80.4629

Protanopia

70.5708, 73.1140, 85.2559

Deuteranopia

74.5819, 72.9833, 79.9683



Tritanopia

78.0141, 72.8442, 81.9001

Trichromacy



Original Color

77.7411, 72.7350, 80.4629

Protanomaly

73.0774, 72.8893, 83.6162

Deuteranomaly

75.4713, 72.6904, 79.8649

Tritanomaly

77.8772, 72.7894, 81.1794

Monochromacy



Original Color

77.7411, 72.7350, 80.4629

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.7759, 74.4555, 81.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7411, 72.7350, 80.4629 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 224) }
```

Border

The CSS property to change the border of an element to XYZ 77.7411, 72.7350, 80.4629 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, 224) }
```


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

```
.border{ border-color:rgb(255, 210, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7411, 72.7350, 80.4629 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
210, 224) }
```

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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