

Converting Colors

XYZ(76.2079, 70.5782, 77.1472)

Have a look what the booklet for
XYZ(76.2079, 70.5782, 77.1472)
contains.

XYZ(76.2296, 70.5699, 77.3138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.2296, 70.5699,
77.3138)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEDC
RGB	255, 206, 220
RGB Percent	100%, 81%, 86%
CMY	0.0000, 0.1921, 0.1372
CMYK	0.00, 0.19, 0.14, 0.00
HSL	343°, 100%, 90%
HSV	343°, 19%, 100%
XYZ	76.2296, 70.5699, 77.3138
YIQ	222.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

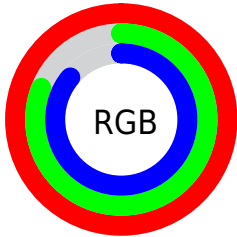
Format	Color
R _Y B	255, 206, 220
Decimal	16764636
CIE Lab	87.28, 19.40, -0.37
CIE LCh	87, 19.399, 358.918
Yxy	70.5699, 0.3401, 0.3149
Android (android.graphics.Color)	4294954716 (0xFFFFCEDC)
YUV	222.2470, -1.1078, 28.7244
Hunter-Lab	84.0059, 14.9662, 4.2373

Details

The XYZ color **76.2296, 70.5699, 77.3138** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.0931, 90.9938, 96.7230**, and the grayscale version is **69.6025, 73.2272, 79.7444**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3085, 37.1789, 40.5964** is the 20% darker color. If you saturate the color by 10%, you get **68.2989, 58.3613, 63.4093**, and if you desaturate by 10%, it is **85.4223, 84.8813, 92.9378**.

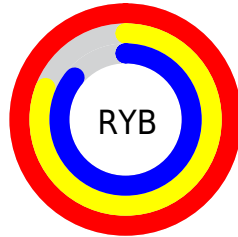
Distribution



Red (100%)

Green (81%)

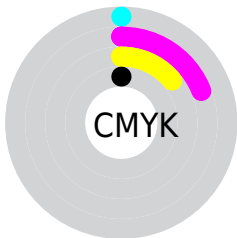
Blue (86%)



Red (100%)

Yellow (81%)

Blue (86%)

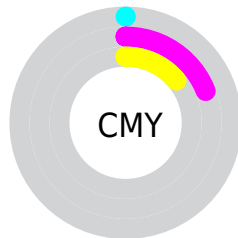


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2296, 70.5699, 77.3138 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 76.2296, 70.5699, 77.3138 by changing the saturation by 10% instead.


 76.2296, 70.5699,
77.3138

 76.2296, 70.5699,
77.3138


471.0656,
462.5485, 505.2993

 56.9185, 51.9913,
56.9974


127.0300,
120.0211, 131.3594

 41.1797, 36.9981,
40.5938

159.2501,
151.6625, 165.9256

 28.6478, 25.2060,
27.6845


196.5039,
188.4269, 206.0789

 18.9575, 16.2306,
17.8510

239.1567,
230.6988, 252.2377

 11.7434, 9.6875,
10.6747

287.5739,
278.8625, 304.8206

 6.6402, 5.1923,
5.7372

342.1209,

 3.2824, 2.3605,

333.3024, 364.2462

2.6197

403.1630,
394.4029, 430.9329

■ 1.3048, 0.8055,
0.9026

■ 0.1868, 0.0000,
0.0000

■ 76.2296, 70.5699,
77.3138

■ 76.2296, 70.5699,
77.3138

■ 68.2989, 58.3613,
63.4093

■ 85.4223, 84.8813,
92.9378

■ 61.5690, 48.1474,
51.1597

95.0500, 100.0000,
108.9000

■ 55.9809, 39.8237,
40.5028

■ 51.4682, 33.2728,
31.3704

■ 47.9578, 28.3639,
23.6891

■ 45.3665, 24.9480,
17.3788

■ 43.5969, 22.8486,
12.3506

■ 42.5071, 21.8017,
8.4951

■ 42.4374, 21.7390,
8.2353

Harmonies

Analogous

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



74.8684, 70.5699, 90.5469



76.2296, 70.5699, 77.3138



75.0467, 70.5699, 65.3231

Triad

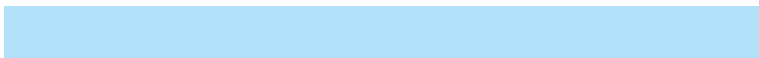
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2296, 70.5699, 77.3138



62.9230, 70.5699, 56.8858



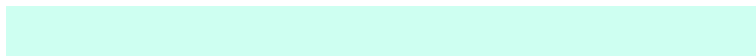
62.6485, 70.5699, 100.4161

Complementary

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



76.2296, 70.5699, 77.3138



77.0931, 90.9938, 96.7230

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.



59.6880, 70.5699, 89.6337



76.2296, 70.5699, 77.3138



59.8413, 70.5699, 64.5888

Square

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



76.2296, 70.5699, 77.3138



67.2403, 70.5699, 54.3650



58.6836, 70.5699, 76.3654



66.9091, 70.5699, 104.7824

Rectangle

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



76.2296, 70.5699, 77.3138



73.0036, 70.5699, 59.4205



58.6836, 70.5699, 76.3654



61.4756, 70.5699, 97.3658

Sweetspot

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



76.2312, 70.5729, 77.3153



88.6517, 89.9396, 98.3318



76.1605, 69.9436, 104.0941



18.8322, 19.0268, 20.8092



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

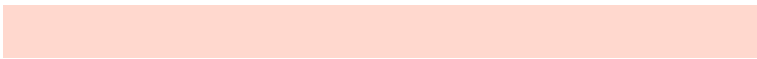
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2312, 70.5729, 77.3153



73.0824, 65.7073, 71.8508



76.8872, 74.7283, 68.7679



18.2227, 18.0724, 19.7898



22.2296, 11.3811, 4.5935



2.2090, 1.1260, 0.6822

Inverse Universe

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



76.2312, 70.5729, 77.3153



73.0824, 65.7073, 71.8508



76.2186, 85.7693, 107.1457



18.2227, 18.0724, 19.7898



22.2296, 11.3811, 4.5935



2.2090, 1.1260, 0.6822

Previews

White Background



This preview shows how the XYZ color 76.2296, 70.5699, 77.3138 looks on a white background.

Color Contrast Check

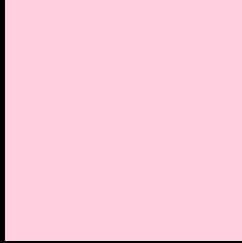
Large Text (above 18pt) WCAG AA × Fail

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 76.2296, 70.5699, 77.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

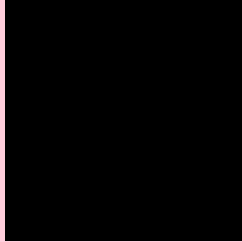
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2296, 70.5699, 77.3138

Background



This preview shows how black text looks on a background with the XYZ color 76.2296, 70.5699, 77.3138.

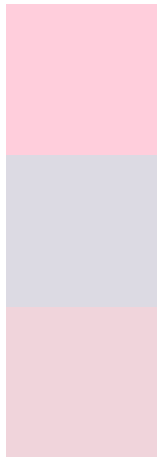


This preview shows how white text looks on a background with the XYZ color 76.2296, 70.5699,

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

76.2296, 70.5699, 77.3138

Protanopia

68.4517, 70.9045, 82.7512

Deuteranopia

72.2648, 70.7267, 76.8607



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

76.2296, 70.5699, 77.3138

Protanomaly

71.1054, 70.7986, 80.4388

Deuteranomaly

73.4890, 70.6201, 76.7756

Tritanomaly

76.3625, 70.6231, 78.0135

Monochromacy



Original Color

76.2296, 70.5699, 77.3138

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.5387, 71.8246, 78.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2296, 70.5699, 77.3138 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, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 220)  
}
```

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, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.2296, 70.5699, 77.3138 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, 206, 220) }
```


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

```
.border{ border-color:rgb(255, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2296, 70.5699, 77.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 220) }
```

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

```
.background{ background-color: rgb(255,  
206, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor