

Converting Colors

XYZ(108.4791, 87.9457,
75.4014)

Have a look what the booklet for
XYZ(108.4791, 87.9457, 75.4014)
contains.

XYZ(76.0616, 71.2780, 74.0391)	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(76.0616, 71.2780,
74.0391)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D7
RGB	255, 208, 215
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1843, 0.1569
CMYK	0.00, 0.18, 0.16, 0.00
HSL	351°, 100%, 91%
HSV	351°, 18%, 100%
XYZ	76.0616, 71.2780, 74.0391
YIQ	222.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

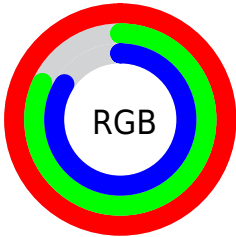
Format	Color
R _Y B	255, 208, 215
Decimal	16765143
CIE Lab	87.62, 17.57, 2.78
CIE LCh	88, 17.789, 9.000
Yxy	71.2780, 0.3436, 0.3220
Android (android.graphics.Color)	4294955223 (0xFFFFD0D7)
YUV	222.8510, -3.8705, 28.1947
Hunter-Lab	84.4263, 13.0687, 7.1030

Details

The XYZ color **76.0616, 71.2780, 74.0391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7181, 91.7084, 102.3633**, and the grayscale version is **70.0487, 73.6967, 80.2557**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0251, 37.3263, 38.3001** is the 20% darker color. If you saturate the color by 10%, you get **67.7306, 58.7871, 58.4034**, and if you desaturate by 10%, it is **85.7654, 85.9220, 91.9597**.

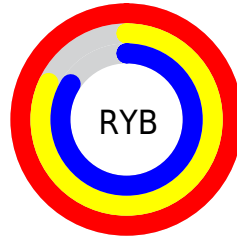
Distribution



Red (100%)

Green (82%)

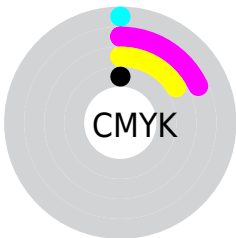
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

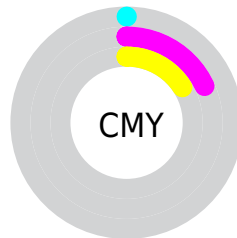


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0616, 71.2780, 74.0391 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 76.0616, 71.2780, 74.0391 by changing the saturation by 10% instead.


 76.0616, 71.2780,
74.0391

 76.0616, 71.2780,
74.0391


470.4997,
465.0247, 493.7753

 56.7803, 52.5691,
54.3291


126.7939,
121.0295, 126.6858

 41.0683, 37.4589,
38.4698


158.9755,
152.8408, 160.4595

 28.5604, 25.5630,
26.0429


196.1879,
189.7885, 199.7582

 18.8911, 16.4970,
16.6297

238.7965,
232.2568, 245.0004

 11.6952, 9.8765,
9.8117

287.1667,
280.6302, 296.6047

 6.6072, 5.3172,
5.1703

341.6637,

 3.2618, 2.4345,

335.2930, 354.9896

2.2870

402.6529,
396.6297, 420.5736

■ 1.2937, 0.8436,
0.7239

■ 0.1785, 0.0000,
0.0000

■ 76.0616, 71.2780,
74.0391

■ 76.0616, 71.2780,
74.0391

■ 67.7306, 58.7871,
58.4034

■ 85.7654, 85.9220,
91.9597

■ 60.7054, 48.3389,
44.9560

95.0500, 100.0000,
108.9000

■ 54.9205, 39.8273,
33.6001

■ 50.3031, 33.1327,
24.2299

■ 46.7724, 28.1223,
16.7301

■ 44.2373, 24.6453,
10.9733

■ 42.5911, 22.5234,
6.8159

■ 41.6902, 21.5096,
4.0861

■ 41.5892, 21.3997,
3.7688

Harmonies

Analogous

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



75.5894, 71.2780, 86.2178



76.0616, 71.2780, 74.0391



74.2353, 71.2780, 63.9149

Triad

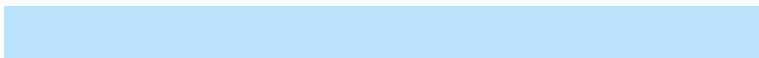
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0616, 71.2780, 74.0391



62.7799, 71.2780, 60.9509



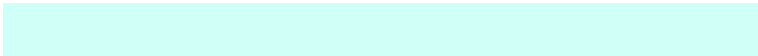
64.8878, 71.2780, 101.3276

Complementary

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



76.0616, 71.2780, 74.0391



78.7181, 91.7084, 102.3633

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.



61.6493, 71.2780, 93.1328



76.0616, 71.2780, 74.0391



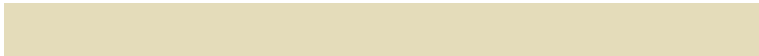
60.4678, 71.2780, 69.5944

Square

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



76.0616, 71.2780, 74.0391



66.4891, 71.2780, 56.8897



60.0627, 71.2780, 81.2931



69.0219, 71.2780, 102.8335

Rectangle

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



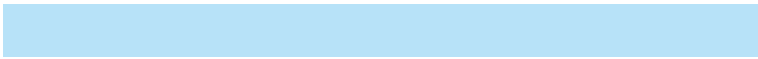
76.0616, 71.2780, 74.0391



72.0029, 71.2780, 59.3853



60.0627, 71.2780, 81.2931



63.6633, 71.2780, 99.2261

Sweetspot

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



76.0633, 71.2810, 74.0406



88.3355, 89.8131, 96.6666



79.3013, 72.2822, 104.3800



18.7577, 18.9970, 20.4168



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

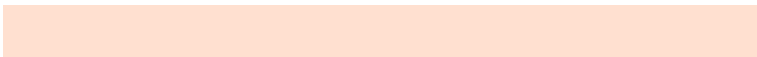
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0633, 71.2810, 74.0406



72.9336, 66.5781, 68.1993



79.4037, 79.3700, 70.8133



18.1195, 18.0311, 19.2466



21.7640, 11.1949, 2.1420



2.1501, 1.1024, 0.3720

Inverse Universe

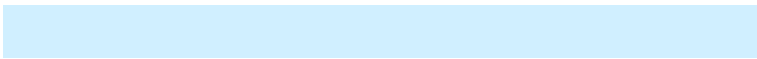
The Inverse Universe completely reimagines the original color for something new.



76.0633, 71.2810, 74.0406



72.9336, 66.5781, 68.1993



74.7996, 82.1018, 106.5126



18.1195, 18.0311, 19.2466



21.7640, 11.1949, 2.1420



2.1501, 1.1024, 0.3720

Previews

White Background



This preview shows how the XYZ color 76.0616, 71.2780, 74.0391 looks on a white background.

Color Contrast Check

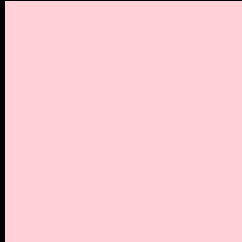
Large Text (above 18pt) WCAG AA × Fail

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 76.0616, 71.2780, 74.0391 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 76.0616, 71.2780, 74.0391

Background



This preview shows how black text looks on a background with the XYZ color 76.0616, 71.2780, 74.0391.



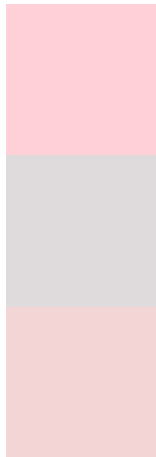
This preview shows how white text looks on a background with the XYZ color 76.0616, 71.2780,

74.0391.

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

76.0616, 71.2780, 74.0391

Protanopia

68.8141, 71.5715, 78.5944

Deuteranopia

72.8940, 71.4982, 73.5769



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

76.0616, 71.2780, 74.0391

Protanomaly

71.3476, 71.3775, 77.0346

Deuteranomaly

73.7896, 71.2177, 73.4756

Tritanomaly

76.4711, 71.0530, 77.3943

Monochromacy



Original Color

76.0616, 71.2780, 74.0391

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.2506, 72.9723, 77.9872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0616, 71.2780, 74.0391 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, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 215)  
}
```

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, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.0616, 71.2780, 74.0391 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, 208, 215) }
```


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

```
.border{ border-color:rgb(255, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0616, 71.2780, 74.0391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 215) }
```

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

```
.background{ background-color: rgb(255,  
208, 215) }
```

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