

Converting Colors

XYZ(75.7072, 71.6714, 81.0818)

Have a look what the booklet for
XYZ(75.7072, 71.6714, 81.0818)
contains.

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Color

**XYZ(75.7041, 71.6692,
81.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2E1
RGB	249, 210, 225
RGB Percent	98%, 82%, 88%
CMY	0.0235, 0.1764, 0.1176
CMYK	0.00, 0.16, 0.10, 0.02
HSL	337°, 76%, 90%
HSV	337°, 16%, 98%
XYZ	75.7041, 71.6692, 81.0777
YIQ	223.3710, 18.4290, 12.9330

Conversions

Conversions Part 2

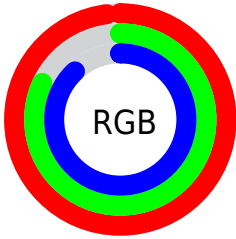
Format	Color
R _Y B	249, 210, 225
Decimal	16372449
CIE Lab	87.81, 16.03, -2.30
CIE LCh	88, 16.190, 351.846
Yxy	71.6692, 0.3314, 0.3137
Android (android.graphics.Color)	4294562529 (0xFFFF9D2E1)
YUV	223.3710, 0.8031, 22.4766
Hunter-Lab	84.6577, 11.4706, 2.4776

Details

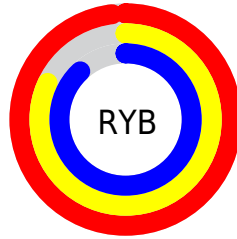
The XYZ color **75.7041, 71.6692, 81.0777** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3081, 87.3953, 90.7458**, and the grayscale version is **70.3900, 74.0558, 80.6468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7153, 37.5514, 43.1324** is the 20% darker color. If you saturate the color by 10%, you get **68.0310, 59.5192, 68.6645**, and if you desaturate by 10%, it is **84.5254, 85.8135, 94.8011**.

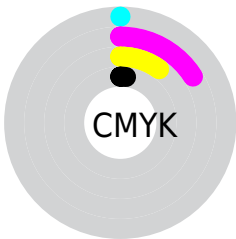
Distribution



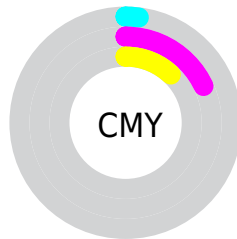
- Red (98%)
- Green (82%)
- Blue (88%)



- Red (98%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7041, 71.6692, 81.0777 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 75.7041, 71.6692, 81.0777 by changing the saturation by 10% instead.

75.7041, 71.6692,
81.0777

75.7041, 71.6692,
81.0777

469.2941,
466.3894, 518.3596

56.4861, 52.8885,
60.0742

126.2911,
121.5861, 136.7049

40.8313, 37.7138,
43.0528

158.3909,
153.4911, 172.1657

28.3744, 25.7606,
29.5948

195.5153,
190.5396, 213.2827

18.7500, 16.6446,
19.2818

238.0297,
233.1161, 260.4745

11.5927, 9.9815,
11.6952

286.2994,
281.6049, 314.1595

6.5372, 5.3867,
6.4165

340.6898,

3.2181, 2.4759,

336.3905, 374.7563

3.0271

401.5663,
397.8572, 442.6835

■ 1.2701, 0.8645,
1.1085

■ 0.1607, 0.0000,
0.0000

■ 75.7041, 71.6692,
81.0777

■ 75.7041, 71.6692,
81.0777

■ 68.0310, 59.5192,
68.6645

■ 84.5254, 85.8135,
94.8011

■ 61.4510, 49.2638,
57.5164

■ 92.8773, 98.8799,
108.7983

■ 55.9134, 40.8091,
47.5922

■ 51.3610, 34.0491,
38.8463

■ 47.7309, 28.8669,
31.2301

■ 44.9523, 25.1303,
24.6908

■ 42.9431, 22.6854,
19.1703

■ 41.6030, 21.3421,
14.6022

■ 41.1672, 20.9799,
12.8866

Harmonies

Analogous

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



74.1008, 71.6692, 91.8624



75.7041, 71.6692, 81.0777



75.2156, 71.6692, 70.4178

Triad

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



75.7041, 71.6692, 81.0777



65.4048, 71.6692, 59.9842



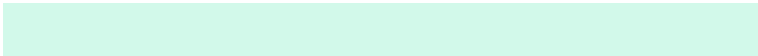
63.6529, 71.6692, 95.9002

Complementary

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



75.7041, 71.6692, 81.0777



75.3081, 87.3953, 90.7458

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.



61.4842, 71.6692, 86.1838



75.7041, 71.6692, 81.0777



62.4689, 71.6692, 65.6709

Square

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



75.7041, 71.6692, 81.0777



69.1735, 71.6692, 58.8943



61.0591, 71.6692, 75.0705



67.0761, 71.6692, 100.9308

Rectangle

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



75.7041, 71.6692, 81.0777



73.7774, 71.6692, 64.7436



61.0591, 71.6692, 75.0705



62.7584, 71.6692, 93.0327

Sweetspot

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



75.7061, 71.6724, 81.0792



89.8787, 91.6380, 101.0703



73.8831, 70.3273, 99.3038



19.0876, 19.3723, 21.4038



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

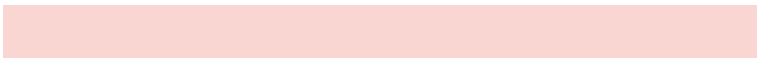
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7061, 71.6724, 81.0792



77.0593, 71.1141, 81.0289



74.7235, 72.8387, 71.0976



17.5208, 17.3357, 19.3325



22.1001, 11.2558, 7.2356



2.0969, 1.0625, 0.9335

Inverse Universe

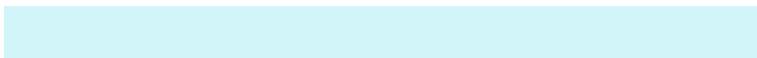
The Inverse Universe completely reimagines the original color for something new.



75.7061, 71.6724, 81.0792



77.0593, 71.1141, 81.0289



76.3622, 85.9083, 102.1806



17.5208, 17.3357, 19.3325



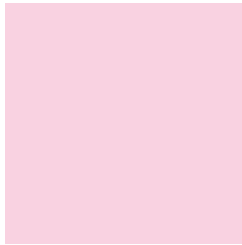
22.1001, 11.2558, 7.2356



2.0969, 1.0625, 0.9335

Previews

White Background



This preview shows how the XYZ color 75.7041, 71.6692, 81.0777 looks on a white background.

Color Contrast Check

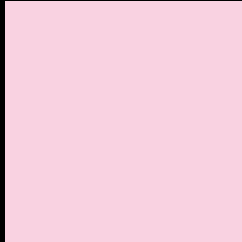
Large Text (above 18pt) WCAG AA × Fail

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 75.7041, 71.6692, 81.0777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

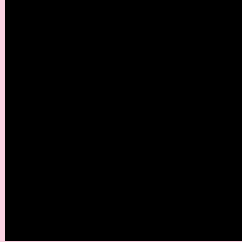
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7041, 71.6692, 81.0777

Background



This preview shows how black text looks on a background with the XYZ color 75.7041, 71.6692, 81.0777.



This preview shows how white text looks on a background with the XYZ color 75.7041, 71.6692,

81.0777.

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

75.7041, 71.6692, 81.0777

Protanopia

69.4332, 71.7484, 85.0522

Deuteranopia

73.4363, 72.0002, 80.5479



Tritanopia

75.8410, 71.7239, 81.7984

Trichromacy



Original Color

75.7041, 71.6692, 81.0777

Protanomaly

71.5145, 71.7021, 83.4695

Deuteranomaly

74.2109, 72.0250, 80.5119

Tritanomaly

75.8410, 71.7239, 81.7984

Monochromacy



Original Color

75.7041, 71.6692, 81.0777

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.8047, 72.6804, 80.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7041, 71.6692, 81.0777 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(249, 210, 225) looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 225)  
}
```

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(249, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.7041, 71.6692, 81.0777 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(249, 210, 225) }
```


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

```
.border{ border-color:rgb(249, 210, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7041, 71.6692, 81.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 225) }
```

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

```
.background{ background-color: rgb(249,  
210, 225) }
```

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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