

Converting Colors

XYZ(82.1695, 74.4763, 73.1473)

Have a look what the booklet for
XYZ(82.1695, 74.4763, 73.1473)
contains.

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Color

**XYZ(75.8061, 71.1758,
72.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D5
RGB	255, 208, 213
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1843, 0.1647
CMYK	0.00, 0.18, 0.16, 0.00
HSL	354°, 100%, 91%
HSV	354°, 18%, 100%
XYZ	75.8061, 71.1758, 72.6937
YIQ	222.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

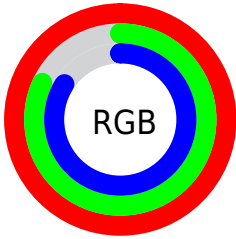
Format	Color
R _{YB}	255, 208, 213
Decimal	16765141
CIE Lab	87.57, 17.26, 3.77
CIE LCh	88, 17.670, 12.317
Yxy	71.1758, 0.3451, 0.3240
Android (android.graphics.Color)	4294955221 (0xFFFFD0D5)
YUV	222.6230, -4.7441, 28.3946
Hunter-Lab	84.3658, 12.7495, 7.9688

Details

The XYZ color **75.8061, 71.1758, 72.6937** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0302, 91.8332, 104.0065**, and the grayscale version is **69.8927, 73.5326, 80.0770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8515, 37.2569, 37.3859** is the 20% darker color. If you saturate the color by 10%, you get **67.3892, 58.6505, 56.6057**, and if you desaturate by 10%, it is **85.6323, 85.8687, 91.2587**.

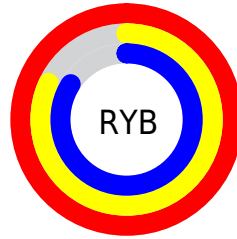
Distribution



Red (100%)

Green (82%)

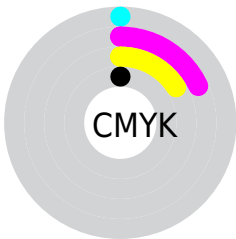
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

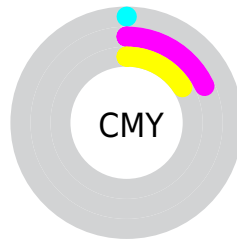


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8061, 71.1758, 72.6937 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 75.8061, 71.1758, 72.6937 by changing the saturation by 10% instead.


 75.8061, 71.1758,
72.6937

 75.8061, 71.1758,
72.6937


469.6383,
464.6678, 488.9948

 56.5700, 52.4857,
53.2352


126.4346,
120.8840, 124.7592

 40.8989, 37.3923,
37.6016


158.5577,
152.6709, 158.2032

 28.4274, 25.5114,
25.3742


195.7073,
189.5921, 197.1463

 18.7902, 16.4585,
16.1345

238.2485,
232.0321, 242.0068

 11.6219, 9.8492,
9.4640

286.5469,
280.3753, 293.2034

 6.5571, 5.2991,
4.9441

340.9678,

 3.2306, 2.4238,

335.0060, 351.1546

2.1563

401.8764,
396.3087, 416.2789

■ 1.2768, 0.8381,
0.6490

■ 0.1658, 0.0000,
0.0000

■ 75.8061, 71.1758,
72.6937

■ 75.8061, 71.1758,
72.6937

■ 67.3892, 58.6505,
56.6057

■ 85.6323, 85.8687,
91.2587

■ 60.3122, 48.1817,
42.8857

95.0500, 100.0000,
108.9000

■ 54.5070, 39.6619,
31.4228

■ 49.8979, 32.9706,
22.0958

■ 46.4006, 27.9736,
14.7720

■ 43.9202, 24.5185,
9.3036

■ 42.3455, 22.4252,
5.5225

■ 41.5267, 21.4442,
3.2252

■ 41.4391, 21.3396,
2.9783

Harmonies

Analogous

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



75.5963, 71.1758, 84.6989



75.8061, 71.1758, 72.6937



73.7660, 71.1758, 63.0188

Triad

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



75.8061, 71.1758, 72.6937



62.3852, 71.1758, 61.7011



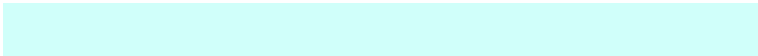
65.2396, 71.1758, 101.5490

Complementary

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



75.8061, 71.1758, 72.6937



79.0302, 91.8332, 104.0065

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.



61.8826, 71.1758, 94.0415



75.8061, 71.1758, 72.6937



60.2819, 71.1758, 70.7179

Square

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



75.8061, 71.1758, 72.6937



65.9513, 71.1758, 57.1245



60.1018, 71.1758, 82.5102



69.3785, 71.1758, 102.2181

Rectangle

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



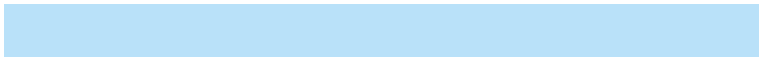
75.8061, 71.1758, 72.6937



71.4516, 71.1758, 58.8587



60.1018, 71.1758, 82.5102



63.9866, 71.1758, 99.7083

Sweetspot

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



75.8078, 71.1789, 72.6952



88.2378, 89.7741, 96.1524



79.8589, 72.5696, 104.4061



18.7347, 18.9878, 20.2957



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

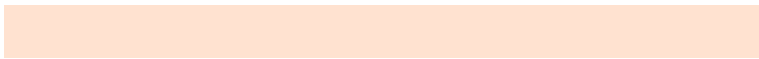
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8078, 71.1789, 72.6952



72.6434, 66.4620, 66.6709



79.8278, 80.2182, 70.9547



18.0878, 18.0184, 19.0797



21.6780, 11.1605, 1.6890



2.1353, 1.0965, 0.2937

Inverse Universe

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



75.8078, 71.1789, 72.6952



72.6434, 66.4620, 66.6709



74.3441, 81.1908, 106.3608



18.0878, 18.0184, 19.0797



21.6780, 11.1605, 1.6890



2.1353, 1.0965, 0.2937

Previews

White Background



This preview shows how the XYZ color 75.8061, 71.1758, 72.6937 looks on a white background.

Color Contrast Check

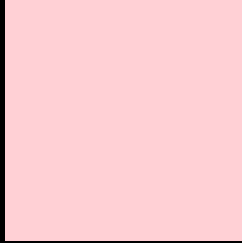
Large Text (above 18pt) WCAG AA × Fail

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 75.8061, 71.1758, 72.6937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

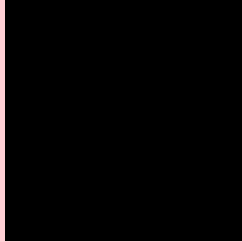
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8061, 71.1758, 72.6937

Background



This preview shows how black text looks on a background with the XYZ color 75.8061, 71.1758, 72.6937.

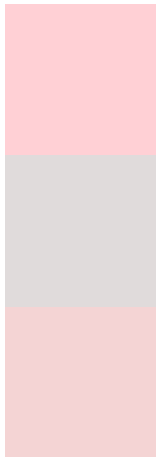


This preview shows how white text looks on a background with the XYZ color 75.8061, 71.1758,

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

75.8061, 71.1758, 72.6937

Protanopia

68.8582, 71.6248, 77.2136

Deuteranopia

72.7354, 71.0735, 72.1724



Tritanopia

76.7376, 71.1596, 78.7979

Trichromacy



Original Color

75.8061, 71.1758, 72.6937

Protanomaly

71.0858, 71.2728, 75.6560

Deuteranomaly

73.8893, 71.2985, 72.1549

Tritanomaly

76.3390, 71.0001, 76.6987

Monochromacy



Original Color

75.8061, 71.1758, 72.6937

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1185, 72.9194, 77.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8061, 71.1758, 72.6937 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.8061, 71.1758, 72.6937 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, 213) }
```


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

```
.border{ border-color:rgb(255, 208, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8061, 71.1758, 72.6937 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
208, 213) }
```

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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