

Converting Colors

XYZ(75.8866, 71.9027, 82.3277)

Have a look what the booklet for
XYZ(75.8866, 71.9027, 82.3277)
contains.

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Color

**XYZ(75.9786, 71.7790,
82.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2E3
RGB	249, 210, 227
RGB Percent	98%, 82%, 89%
CMY	0.0235, 0.1764, 0.1098
CMYK	0.00, 0.16, 0.09, 0.02
HSL	334°, 76%, 90%
HSV	334°, 16%, 98%
XYZ	75.9786, 71.7790, 82.5233
YIQ	223.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

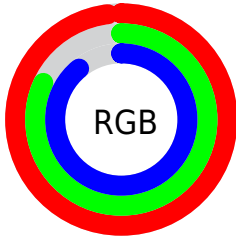
Format	Color
R_{YB}	249, 210, 227
Decimal	16372451
CIE _{Lab}	87.86, 16.36, -3.28
CIE _{LCh}	88, 16.682, 348.675
Y _{xy}	71.7790, 0.3299, 0.3117
Android (android.graphics.Color)	4294562531 (0xFFFF9D2E3)
Y _{UV}	223.5990, 1.6767, 22.2767
Hunter-Lab	84.7225, 11.8133, 1.5548

Details

The XYZ color **75.9786, 71.7790, 82.5233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0223, 87.2810, 89.2408**, and the grayscale version is **70.5467, 74.2206, 80.8263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9060, 37.6277, 44.1366** is the 20% darker color. If you saturate the color by 10%, you get **68.4427, 59.6839, 70.8328**, and if you desaturate by 10%, it is **84.6332, 85.8566, 95.3689**.

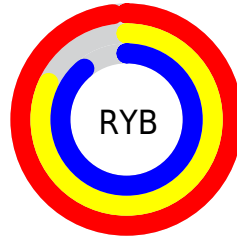
Distribution



Red (98%)

Green (82%)

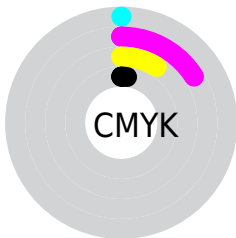
Blue (89%)



Red (98%)

Yellow (82%)

Blue (89%)

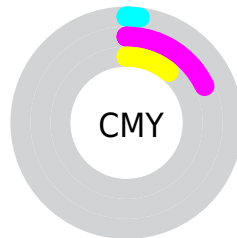


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9786, 71.7790, 82.5233 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 75.9786, 71.7790, 82.5233 by changing the saturation by 10% instead.


 75.9786, 71.7790,
82.5233

 75.9786, 71.7790,
82.5233

470.2200,
466.7720, 523.3258

 56.7120, 52.9782,
61.2586


126.6772,
121.7423, 138.7509

 41.0133, 37.7853,
44.0020


158.8398,
153.6735, 174.5509

 28.5172, 25.8161,
30.3349


196.0318,
190.7503, 216.0330

 18.8583, 16.6861,
19.8387

238.6186,
233.3571, 263.6159

 11.6713, 10.0110,
12.0949

286.9654,
281.8783, 317.7181

 6.5909, 5.4062,
6.6850

341.4377,

 3.2516, 2.4875,

336.6982, 378.7581

3.1905

402.4007,
398.2013, 447.1545

■ 1.2882, 0.8704,
1.1927

■ 0.1744, 0.0000,
0.0000

■ 75.9786, 71.7790,
82.5233

■ 75.9786, 71.7790,
82.5233

■ 68.4427, 59.6839,
70.8328

■ 84.6332, 85.8566,
95.3689

■ 61.9717, 49.4721,
60.2585

■ 92.8773, 98.8799,
108.7983

■ 56.5159, 41.0501,
50.7653

■ 52.0197, 34.3126,
42.3148

■ 48.4213, 29.1430,
34.8654

■ 45.6514, 25.4100,
28.3722

■ 43.6296, 22.9600,
22.7854

■ 42.2574, 21.6039,
18.0480

■ 41.8020, 21.2338,
16.2293

Harmonies

Analogous

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



74.1131, 71.7790, 93.4837



75.9786, 71.7790, 82.5233



75.7070, 71.7790, 71.3677

Triad

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



75.9786, 71.7790, 82.5233



65.8107, 71.7790, 59.2352



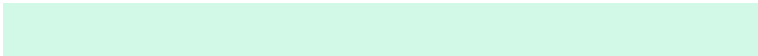
63.3105, 71.7790, 95.7326

Complementary

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



75.9786, 71.7790, 82.5233



75.0223, 87.2810, 89.2408

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.



61.2507, 71.7790, 85.3598



75.9786, 71.7790, 82.5233



62.6551, 71.7790, 64.6010

Square

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



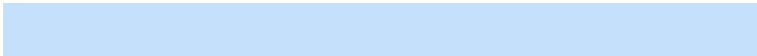
75.9786, 71.7790, 82.5233



69.7324, 71.7790, 58.6348



61.0155, 71.7790, 73.9439



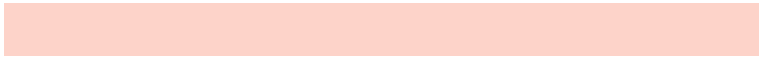
66.7370, 71.7790, 101.5882

Rectangle

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



75.9786, 71.7790, 82.5233



74.3529, 71.7790, 65.2849



61.0155, 71.7790, 73.9439



62.4411, 71.7790, 92.6146

Sweetspot

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



75.9807, 71.7822, 82.5248



89.9799, 91.6785, 101.6032



73.2486, 70.0002, 99.2741



19.1122, 19.3821, 21.5332



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

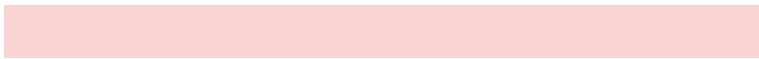
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9807, 71.7822, 82.5248



77.4013, 71.2508, 82.8295



74.2333, 71.8582, 70.9342



17.5588, 17.3509, 19.5323



22.4442, 11.3934, 9.0473



2.1309, 1.0761, 1.1126

Inverse Universe

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



75.9807, 71.7822, 82.5248



77.4013, 71.2508, 82.8295



76.9555, 87.0950, 102.3783



17.5588, 17.3509, 19.5323



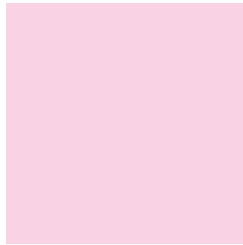
22.4442, 11.3934, 9.0473



2.1309, 1.0761, 1.1126

Previews

White Background



This preview shows how the XYZ color 75.9786, 71.7790, 82.5233 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 75.9786, 71.7790, 82.5233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

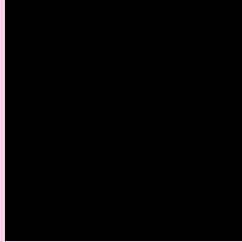
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9786, 71.7790, 82.5233

Background



This preview shows how black text looks on a background with the XYZ color 75.9786, 71.7790, 82.5233.

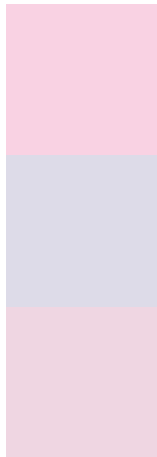


This preview shows how white text looks on a background with the XYZ color 75.9786, 71.7790,

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

75.9786, 71.7790, 82.5233

Protanopia

69.7158, 71.8614, 86.5401

Deuteranopia

73.3706, 71.9348, 81.9693



Tritanopia

75.8410, 71.7239, 81.7984

Trichromacy



Original Color

75.9786, 71.7790, 82.5233

Protanomaly

71.7938, 71.8138, 84.9404

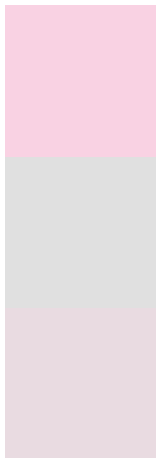
Deuteranomaly

74.4839, 72.1342, 81.9491

Tritanomaly

75.8410, 71.7239, 81.7984

Monochromacy



Original Color

75.9786, 71.7790, 82.5233

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5264, 73.4229, 81.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9786, 71.7790, 82.5233 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.9786, 71.7790, 82.5233 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, 227) }
```


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

```
.border{ border-color:rgb(249, 210, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9786, 71.7790, 82.5233 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, 227) }
```

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

```
.background{ background-color: rgb(249,  
210, 227) }
```

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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