

Converting Colors

XYZ(75.5436, 72.1388, 81.1768)

Have a look what the booklet for
XYZ(75.5436, 72.1388, 81.1768)
contains.

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Color

**XYZ(75.8455, 72.4797,
81.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D4E1
RGB	248, 212, 225
RGB Percent	97%, 83%, 88%
CMY	0.0274, 0.1686, 0.1176
CMYK	0.00, 0.15, 0.09, 0.03
HSL	338°, 72%, 90%
HSV	338°, 15%, 97%
XYZ	75.8455, 72.4797, 81.2266
YIQ	224.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

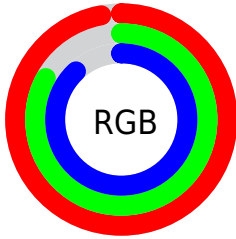
Format	Color
R _Y B	248, 212, 225
Decimal	16307425
CIE Lab	88.20, 14.63, -1.73
CIE LCh	88, 14.737, 353.239
Yxy	72.4797, 0.3304, 0.3157
Android (android.graphics.Color)	4294497505 (0xFFFF8D4E1)
YUV	224.2460, 0.3717, 20.8323
Hunter-Lab	85.1350, 10.0367, 3.0264

Details

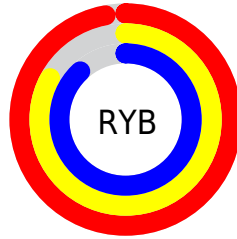
The XYZ color **75.8455, 72.4797, 81.2266** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7171, 87.1319, 91.4290**, and the grayscale version is **71.0179, 74.7164, 81.3662**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7985, 38.0926, 43.2325** is the 20% darker color. If you saturate the color by 10%, you get **68.0536, 60.1958, 68.4543**, and if you desaturate by 10%, it is **84.7943, 86.7546, 95.3761**.

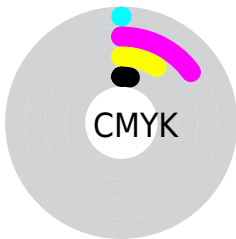
Distribution



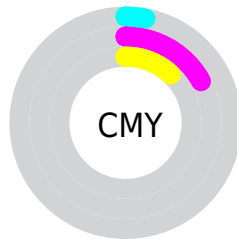
- Red (97%)
- Green (83%)
- Blue (88%)



- Red (97%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8455, 72.4797, 81.2266 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 75.8455, 72.4797, 81.2266 by changing the saturation by 10% instead.


 75.8455, 72.4797,
81.2266

 75.8455, 72.4797,
81.2266


469.7712,
469.2095, 518.8724

 56.6024, 53.5506,
60.1962


126.4900,
122.7383, 136.9158

 40.9250, 38.2425,
43.1504

158.6222,
154.8366, 172.4117

 28.4479, 26.1710,
29.6709


195.7814,
192.0935, 213.5664

 18.8058, 16.9516,
19.3390

238.3331,
234.8932, 260.7986

 11.6332, 10.2000,
11.7362

286.6425,
283.6203, 314.5268

 6.5648, 5.5318,
6.4440

341.0751,

 3.2354, 2.5625,

338.6592, 375.1694

3.0437

401.9962,
400.3941, 443.1451

■ 1.2794, 0.9079,
1.1170

■ 0.1677, 0.0000,
0.0000

■ 75.8455, 72.4797,
81.2266

■ 75.8455, 72.4797,
81.2266

■ 68.0536, 60.1958,
68.4543

■ 84.7943, 86.7546,
95.3761

■ 61.3638, 49.8045,
57.0117

■ 92.5218, 98.6967,
108.7817

■ 55.7257, 41.2134,
46.8547

■ 51.0827, 34.3185,
37.9353

■ 47.3723, 29.0051,
30.2018

■ 44.5248, 25.1441,
23.5984

■ 42.4595, 22.5856,
18.0639

■ 41.0790, 21.1464,
13.5288

■ 40.5376, 20.6870,
11.4262

Harmonies

Analogous

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



74.4664, 72.4797, 91.1208



75.8455, 72.4797, 81.2266



75.3104, 72.4797, 71.5007

Triad

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



75.8455, 72.4797, 81.2266



66.2487, 72.4797, 62.3844



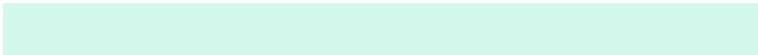
64.9106, 72.4797, 95.5214

Complementary

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



75.8455, 72.4797, 81.2266



75.7171, 87.1319, 91.4290

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.



62.8448, 72.4797, 86.8314



75.8455, 72.4797, 81.2266



63.5988, 72.4797, 67.8565

Square

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



75.8455, 72.4797, 81.2266



69.6912, 72.4797, 61.1609



62.3729, 72.4797, 76.6537



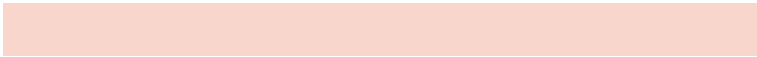
68.0945, 72.4797, 99.8171

Rectangle

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



75.8455, 72.4797, 81.2266



73.9488, 72.4797, 66.3478



62.3729, 72.4797, 76.6537



64.0669, 72.4797, 92.9835

Sweetspot

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



75.8476, 72.4829, 81.2281



90.8502, 93.2512, 102.4109



74.6843, 71.4959, 98.6717



19.2816, 19.6964, 21.6648



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

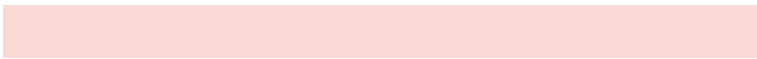
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8476, 72.4829, 81.2281



78.6028, 73.7348, 82.9803



75.3589, 74.2358, 72.6484



17.5035, 17.3288, 19.2414



21.9592, 11.1994, 6.4935



2.0825, 1.0568, 0.8581

Inverse Universe

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



75.8476, 72.4829, 81.2281



78.6028, 73.7348, 82.9803



76.2075, 84.9973, 101.1974



17.5035, 17.3288, 19.2414



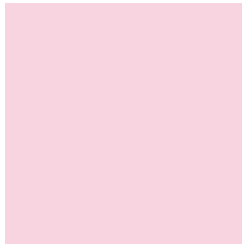
21.9592, 11.1994, 6.4935



2.0825, 1.0568, 0.8581

Previews

White Background



This preview shows how the XYZ color 75.8455, 72.4797, 81.2266 looks on a white background.

Color Contrast Check

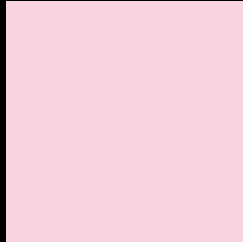
Large Text (above 18pt) WCAG AA × Fail

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 75.8455, 72.4797, 81.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

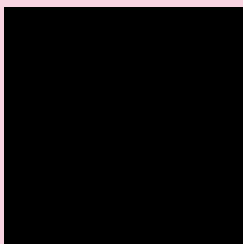
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8455, 72.4797, 81.2266

Background



This preview shows how black text looks on a background with the XYZ color 75.8455, 72.4797, 81.2266.



This preview shows how white text looks on a background with the XYZ color 75.8455, 72.4797,

81.2266.

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

75.8455, 72.4797, 81.2266

Protanopia

70.3076, 72.5875, 85.1681

Deuteranopia

74.1667, 72.7379, 81.3650



Tritanopia

76.2585, 72.6449, 83.4014

Trichromacy



Original Color

75.8455, 72.4797, 81.2266

Protanomaly

72.0952, 72.3829, 83.5703

Deuteranomaly

74.9454, 72.7625, 81.3287

Tritanomaly

76.1200, 72.5895, 82.6723

Monochromacy



Original Color

75.8455, 72.4797, 81.2266

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6520, 73.8919, 80.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8455, 72.4797, 81.2266 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(248, 212, 225) looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 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(248, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.8455, 72.4797, 81.2266 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(248, 212, 225) }
```


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

```
.border{ border-color:rgb(248, 212, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 212, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 212, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 212, 225); box-shadow:4px 4px 4px 4px rgb(248, 212, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8455, 72.4797, 81.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 225) }
```

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

```
.background{ background-color: rgb(248,  
212, 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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