

Converting Colors

XYZ(75.9220, 72.5543, 82.7177)

Have a look what the booklet for
XYZ(75.9220, 72.5543, 82.7177)
contains.

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Color

**XYZ(75.7664, 72.4072,
82.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4E3
RGB	247, 212, 227
RGB Percent	97%, 83%, 89%
CMY	0.0314, 0.1686, 0.1098
CMYK	0.00, 0.14, 0.08, 0.03
HSL	334°, 69%, 90%
HSV	334°, 14%, 97%
XYZ	75.7664, 72.4072, 82.6557
YIQ	224.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

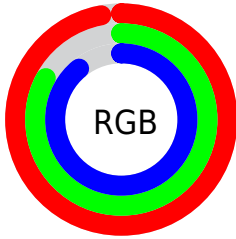
Format	Color
R _Y B	247, 212, 227
Decimal	16241891
CIE Lab	88.16, 14.62, -2.85
CIE LCh	88, 14.898, 348.962
Yxy	72.4072, 0.3282, 0.3137
Android (android.graphics.Color)	4294431971 (0xFFFF7D4E3)
YUV	224.1750, 1.3927, 20.0175
Hunter-Lab	85.0924, 10.0249, 1.9725

Details

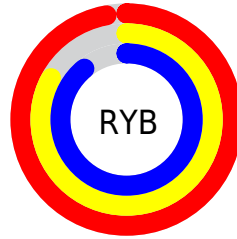
The XYZ color **75.7664, 72.4072, 82.6557** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9805, 86.3467, 89.0628**, and the grayscale version is **70.9607, 74.6562, 81.3006**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7386, 38.0396, 44.2250** is the 20% darker color. If you saturate the color by 10%, you get **68.1891, 60.2432, 70.9086**, and if you desaturate by 10%, it is **84.4521, 86.5305, 95.5621**.

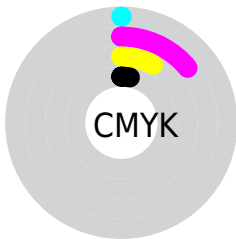
Distribution



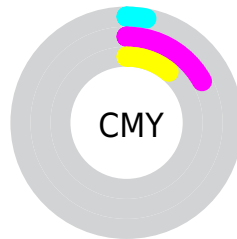
- Red (97%)
- Green (83%)
- Blue (89%)



- Red (97%)
- Yellow (83%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7664, 72.4072, 82.6557 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 75.7664, 72.4072, 82.6557 by changing the saturation by 10% instead.


 75.7664, 72.4072,
82.6557

 75.7664, 72.4072,
82.6557

469.5044,
468.9577, 523.7793

 56.5374, 53.4914,
61.3672


126.3788,
122.6353, 138.9381

 40.8726, 38.1952,
44.0891


158.4928,
154.7163, 174.7690

 28.4068, 26.1342,
30.4029


195.6325,
191.9546, 216.2845

 18.7745, 16.9241,
19.8899

238.1634,
234.7344, 263.9031

 11.6105, 10.1804,
12.1318

286.4506,
283.4403, 318.0433

 6.5494, 5.5187,
6.7099

340.8596,

 3.2257, 2.5547,

338.4565, 379.1237

3.2056

401.7557,
400.1675, 447.5629

■ 1.2742, 0.9040,
1.2006

■ 0.1638, 0.0000,
0.0000

■ 75.7664, 72.4072,
82.6557

■ 75.7664, 72.4072,
82.6557

■ 68.1891, 60.2432,
70.9086

■ 84.4521, 86.5305,
95.5621

■ 61.6675, 49.9417,
60.2820

■ 92.1682, 98.5144,
108.7651

■ 56.1535, 41.4124,
50.7410

■ 51.5929, 34.5532,
42.2473

■ 47.9260, 29.2517,
34.7599

■ 45.0860, 25.3814,
28.2342

■ 42.9959, 22.7958,
22.6212

■ 41.5621, 21.3160,
17.8651

■ 40.9514, 20.8117,
15.4509

Harmonies

Analogous

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



74.1187, 72.4072, 92.4355



75.7664, 72.4072, 82.6557



75.5055, 72.4072, 72.6340

Triad

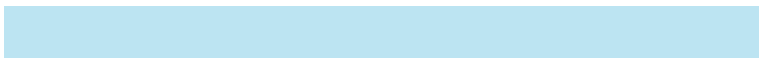
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7664, 72.4072, 82.6557



66.6187, 72.4072, 61.7011



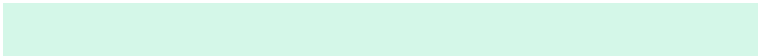
64.4201, 72.4072, 94.5836

Complementary

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



75.7664, 72.4072, 82.6557



74.9805, 86.3467, 89.0628

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.



62.5429, 72.4072, 85.3880



75.7664, 72.4072, 82.6557



63.7817, 72.4072, 66.6460

Square

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



75.7664, 72.4072, 82.6557



70.1409, 72.4072, 61.1071



62.3133, 72.4072, 75.1419



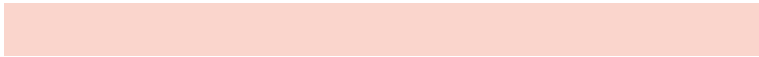
67.5175, 72.4072, 99.7071

Rectangle

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



75.7664, 72.4072, 82.6557



74.2865, 72.4072, 67.1341



62.3133, 72.4072, 75.1419



63.6301, 72.4072, 91.8313

Sweetspot

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



75.7685, 72.4104, 82.6572



90.9575, 93.2941, 102.9758



73.5593, 70.9338, 97.8113



19.3087, 19.7073, 21.8075



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.



75.7685, 72.4104, 82.6572



79.0107, 73.8980, 85.1285



74.3750, 72.7930, 72.4217



16.7939, 16.6004, 18.6611



21.7255, 11.0336, 8.5287



1.9598, 0.9899, 1.0149

Inverse Universe

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



75.7685, 72.4104, 82.6572



79.0107, 73.8980, 85.1285



76.4939, 85.8176, 100.5295



16.7939, 16.6004, 18.6611



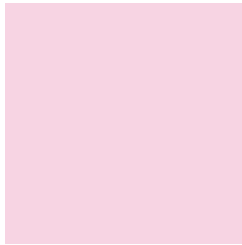
21.7255, 11.0336, 8.5287



1.9598, 0.9899, 1.0149

Previews

White Background



This preview shows how the XYZ color 75.7664, 72.4072, 82.6557 looks on a white background.

Color Contrast Check

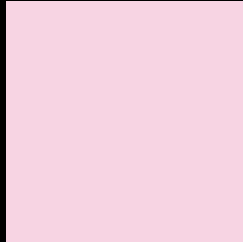
Large Text (above 18pt) WCAG AA × Fail

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 75.7664, 72.4072, 82.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

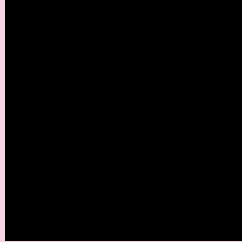
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7664, 72.4072, 82.6557

Background



This preview shows how black text looks on a background with the XYZ color 75.7664, 72.4072, 82.6557.

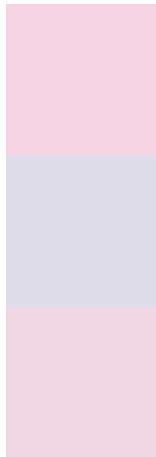


This preview shows how white text looks on a background with the XYZ color 75.7664, 72.4072,

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

75.7664, 72.4072, 82.6557

Protanopia

70.2829, 72.5422, 86.6417

Deuteranopia

74.1007, 72.6722, 82.7947



Tritanopia

75.9048, 72.4626, 83.3848

Trichromacy



Original Color

75.7664, 72.4072, 82.6557

Protanomaly

72.0508, 72.3278, 85.0261

Deuteranomaly

74.8738, 72.6939, 82.7581

Tritanomaly

75.9048, 72.4626, 83.3848

Monochromacy



Original Color

75.7664, 72.4072, 82.6557

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.4625, 73.7784, 81.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7664, 72.4072, 82.6557 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(247, 212, 227) looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.7664, 72.4072, 82.6557 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(247, 212, 227) }
```


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

```
.border{ border-color:rgb(247, 212, 227) }
```

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

Here you see how a box with a 4 pixel rgb(247, 212, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7664, 72.4072, 82.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 227) }
```

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

```
.background{ background-color: rgb(247,  
212, 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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