

Converting Colors

XYZ(75.6970, 72.6827, 80.7544)

Have a look what the booklet for
XYZ(75.6970, 72.6827, 80.7544)
contains.

XYZ(75.6066, 72.7445, 80.5772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.6066, 72.7445,
80.5772)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D5E0
RGB	247, 213, 224
RGB Percent	97%, 84%, 88%
CMY	0.0314, 0.1647, 0.1216
CMYK	0.00, 0.14, 0.09, 0.03
HSL	341°, 68%, 90%
HSV	341°, 14%, 97%
XYZ	75.6066, 72.7445, 80.5772
YIQ	224.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

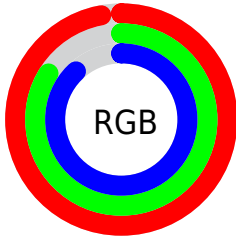
Format	Color
R _Y B	247, 213, 224
Decimal	16242144
CIE Lab	88.33, 13.60, -1.03
CIE LCh	88, 13.639, 355.662
Yxy	72.7445, 0.3303, 0.3178
Android (android.graphics.Color)	4294432224 (0xFFF7D5E0)
YUV	224.4200, -0.2071, 19.8027
Hunter-Lab	85.2904, 8.9751, 3.6897

Details

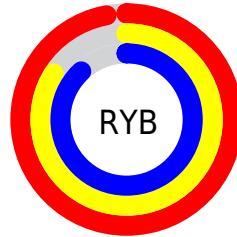
The XYZ color **75.6066, 72.7445, 80.5772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8445, 86.7257, 92.1035**, and the grayscale version is **71.1468, 74.8519, 81.5138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6235, 38.2654, 42.7810** is the 20% darker color. If you saturate the color by 10%, you get **67.7048, 60.3908, 67.3060**, and if you desaturate by 10%, it is **84.6814, 87.0861, 95.3402**.

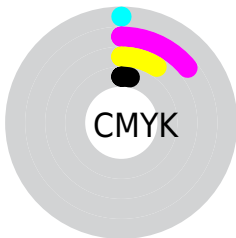
Distribution



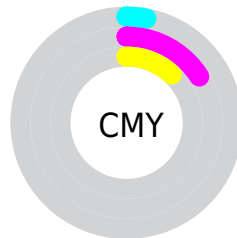
- Red (97%)
- Green (84%)
- Blue (88%)



- Red (97%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6066, 72.7445, 80.5772 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 75.6066, 72.7445, 80.5772 by changing the saturation by 10% instead.


 75.6066, 72.7445,
80.5772

 75.6066, 72.7445,
80.5772


468.9651,
470.1288, 516.6339

 56.4059, 53.7671,
59.6645


126.1540,
123.1144, 135.9957

 40.7667, 38.4155,
42.7247


158.2314,
155.2757, 171.3385

 28.3237, 26.3053,
29.3394


195.3317,
192.6004, 212.3284

 18.7115, 17.0522,
19.0899

237.8204,
235.4729, 259.3840

 11.5648, 10.2717,
11.5578

286.0627,
284.2776, 312.9239

 6.5182, 5.5795,
6.3245

340.4240,

 3.2063, 2.5911,

339.3989, 373.3664

2.9714

401.2697,
401.2212, 441.1302

■ 1.2638, 0.9222,
1.0801

■ 0.1558, 0.0000,
0.0000

■ 75.6066, 72.7445,
80.5772

■ 75.6066, 72.7445,
80.5772

■ 67.7048, 60.3908,
67.3060

■ 84.6814, 87.0861,
95.3402

■ 60.9209, 49.9274,
55.4740

■ 92.1682, 98.5144,
108.7651

■ 55.2043, 41.2631,
45.0322

■ 50.4980, 34.2951,
35.9269

■ 46.7394, 28.9102,
28.1006

■ 43.8587, 24.9812,
21.4914

■ 41.7757, 22.3611,
16.0309

■ 40.3936, 20.8711,
11.6425

■ 39.8021, 20.3520,
9.3988

Harmonies

Analogous

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



74.4677, 72.7445, 89.8111



75.6066, 72.7445, 80.5772



74.9689, 72.7445, 71.6568

Triad

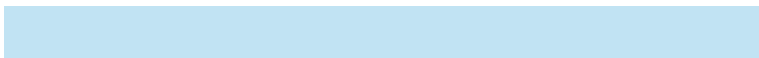
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6066, 72.7445, 80.5772



66.4525, 72.7445, 64.0500



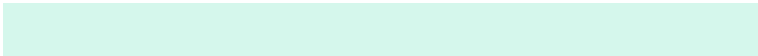
65.6529, 72.7445, 95.0356

Complementary

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



75.6066, 72.7445, 80.5772



75.8445, 86.7257, 92.1035

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.



63.6241, 72.7445, 87.2685



75.6066, 72.7445, 80.5772



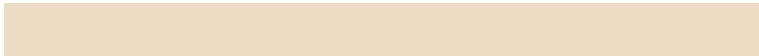
64.0755, 72.7445, 69.4712

Square

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



75.6066, 72.7445, 80.5772



69.6185, 72.7445, 62.5639



63.0558, 72.7445, 77.8512



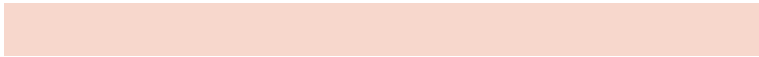
68.6666, 72.7445, 98.5659

Rectangle

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



75.6066, 72.7445, 80.5772



73.6324, 72.7445, 67.0054



63.0558, 72.7445, 77.8512



64.8369, 72.7445, 92.8052

Sweetspot

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



75.6087, 72.7477, 80.5787



90.7906, 93.2273, 102.0971



75.0668, 72.0833, 97.9537



19.2665, 19.6904, 21.5855



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.



75.6087, 72.7477, 80.5787



78.3785, 73.6451, 81.7992



75.6151, 75.0707, 73.4594



16.7200, 16.5709, 18.2724



21.1073, 10.7864, 5.2735



1.9002, 0.9661, 0.7011

Inverse Universe

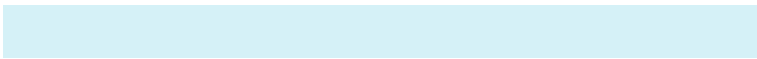
The Inverse Universe completely reimagines the original color for something new.



75.6087, 72.7477, 80.5787



78.3785, 73.6451, 81.7992



75.7856, 83.9718, 100.2105



16.7200, 16.5709, 18.2724



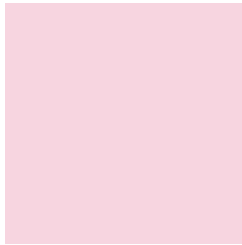
21.1073, 10.7864, 5.2735



1.9002, 0.9661, 0.7011

Previews

White Background



This preview shows how the XYZ color 75.6066, 72.7445, 80.5772 looks on a white background.

Color Contrast Check

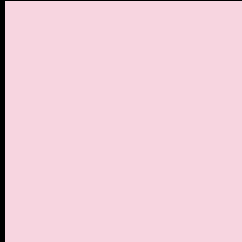
Large Text (above 18pt) WCAG AA × Fail

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 75.6066, 72.7445, 80.5772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

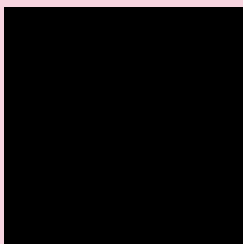
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6066, 72.7445, 80.5772

Background



This preview shows how black text looks on a background with the XYZ color 75.6066, 72.7445, 80.5772.



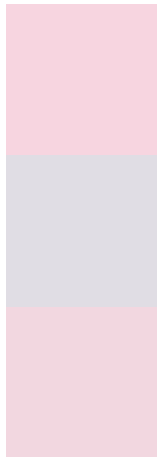
This preview shows how white text looks on a background with the XYZ color 75.6066, 72.7445,

80.5772.

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

75.6066, 72.7445, 80.5772

Protanopia

70.6005, 73.1616, 83.7993

Deuteranopia

74.3729, 72.8599, 80.6645



Tritanopia

76.3977, 72.7006, 84.1348

Trichromacy



Original Color

75.6066, 72.7445, 80.5772

Protanomaly

72.2152, 72.8447, 82.9273

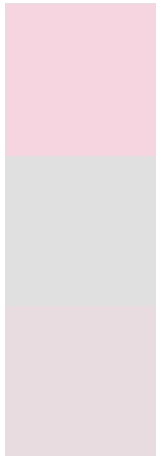
Deuteranomaly

74.8093, 72.7080, 80.6122

Tritanomaly

76.1200, 72.5895, 82.6723

Monochromacy



Original Color

75.6066, 72.7445, 80.5772

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.3265, 73.7240, 80.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6066, 72.7445, 80.5772 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, 213, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 224)  
}
```

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, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.6066, 72.7445, 80.5772 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, 213, 224) }
```


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

```
.border{ border-color:rgb(247, 213, 224) }
```

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

Here you see how a box with a 4 pixel rgb(247, 213, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6066, 72.7445, 80.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 224) }
```

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

```
.background{ background-color: rgb(247,  
213, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor