

Converting Colors

XYZ(77.2697, 74.3762, 72.3396)

Have a look what the booklet for
XYZ(77.2697, 74.3762, 72.3396)
contains.

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Color

**XYZ(77.4241, 74.6143,
72.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D4
RGB	255, 215, 212
RGB Percent	100%, 84%, 83%
CMY	0.0000, 0.1568, 0.1686
CMYK	0.00, 0.16, 0.17, 0.00
HSL	4°, 100%, 92%
HSV	4°, 17%, 100%
XYZ	77.4241, 74.6143, 72.6087
YIQ	226.6180, 24.8030, 7.5470

Conversions

Conversions Part 2

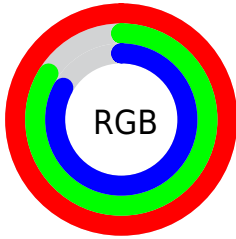
Format	Color
R _Y B	255, 215, 212
Decimal	16766932
CIE Lab	89.21, 13.46, 6.67
CIE LCh	89, 15.024, 26.348
Yxy	74.6143, 0.3446, 0.3321
Android (android.graphics.Color)	4294957012 (0xFFFFD7D4)
YUV	226.6180, -7.2067, 24.8910
Hunter-Lab	86.3796, 8.8296, 10.6279

Details

The XYZ color **77.4241, 74.6143, 72.6087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0108, 90.8353, 107.9237**, and the grayscale version is **72.7758, 76.5658, 83.3802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9453, 39.5817, 37.3276** is the 20% darker color. If you saturate the color by 10%, you get **68.8500, 62.2138, 55.1141**, and if you desaturate by 10%, it is **87.3853, 88.9755, 93.0738**.

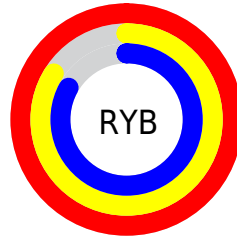
Distribution



Red (100%)

Green (84%)

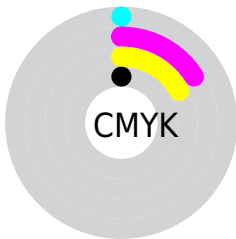
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

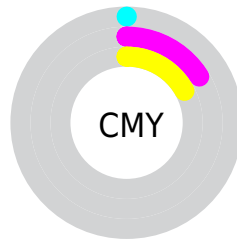


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4241, 74.6143, 72.6087 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 77.4241, 74.6143, 72.6087 by changing the saturation by 10% instead.


 77.4241, 74.6143,
72.6087

 77.4241, 74.6143,
72.6087


475.0786,
476.5908, 488.6919

 57.9022, 55.2970,
53.1662


128.7076,
125.7662, 124.6373

 41.9729, 39.6395,
37.5468


161.1999,
158.3696, 158.0605

 29.2711, 27.2576,
25.3321


198.7464,
196.1705, 196.9810

 19.4313, 17.7668,
16.1034

241.7124,
239.5532, 241.8173

 12.0882, 10.7827,
9.4422

290.4632,
288.9023, 292.9880

 6.8764, 5.9209,
4.9300

345.3643,

 3.4306, 2.7970,

344.6019, 350.9117

2.1482

406.7810,
407.0366, 416.0068

■ 1.3853, 1.0267,
0.6442

■ 0.2457, 0.0000,
0.0000

■ 77.4241, 74.6143,
72.6087

■ 77.4241, 74.6143,
72.6087

■ 68.8500, 62.2138,
55.1141

■ 87.3853, 88.9755,
93.0738

■ 61.5965, 51.6799,
40.4477

95.0500, 100.0000,
108.9000

■ 55.5993, 42.9250,
28.4622

■ 50.7871, 35.8508,
18.9954

■ 47.0808, 30.3496,
11.8675

■ 44.3921, 26.3011,
6.8748

■ 42.6190, 23.5675,
3.7787

■ 41.6371, 21.9840,
2.2786

■ 41.4534, 21.6867,
2.0011

Harmonies

Analogous

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



78.1877, 74.6143, 82.5349



77.4241, 74.6143, 72.6087



74.8966, 74.6143, 65.5711

Triad

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



77.4241, 74.6143, 72.6087



65.2118, 74.6143, 70.5619



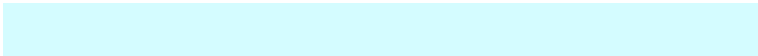
70.4706, 74.6143, 103.0980

Complementary

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



77.4241, 74.6143, 72.6087



80.0108, 90.8353, 107.9237

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.



67.0841, 74.6143, 99.2303



77.4241, 74.6143, 72.6087



64.1147, 74.6143, 79.9633

Square

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



77.4241, 74.6143, 72.6087



67.8362, 74.6143, 64.4628



64.7882, 74.6143, 90.5345



74.0930, 74.6143, 100.7068

Rectangle

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



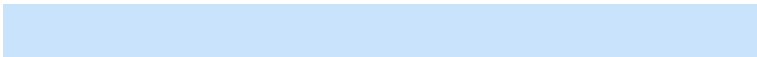
77.4241, 74.6143, 72.6087



72.5953, 74.6143, 63.1631



64.7882, 74.6143, 90.5345



69.2680, 74.6143, 102.4788

Sweetspot

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



77.4258, 74.6175, 72.6103



89.3974, 91.8714, 97.2226



82.3757, 75.3845, 102.4154



18.9709, 19.4286, 20.4718



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

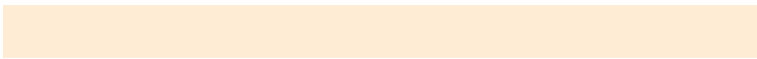
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4258, 74.6175, 72.6103



74.5887, 70.5188, 66.8070



83.2252, 86.2162, 74.5434



18.1113, 18.1907, 18.7009



21.6974, 11.4060, 1.0580



2.1465, 1.1783, 0.1143

Inverse Universe

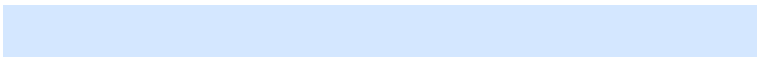
The Inverse Universe completely reimagines the original color for something new.



80.0108, 90.8353, 107.9237



77.5855, 89.3247, 107.7599



73.6755, 78.1646, 105.8119



18.4398, 20.2513, 23.1869



25.3294, 35.5683, 54.9650



2.4975, 3.5257, 5.3622

Previews

White Background



This preview shows how the XYZ color 77.4241, 74.6143, 72.6087 looks on a white background.

Color Contrast Check

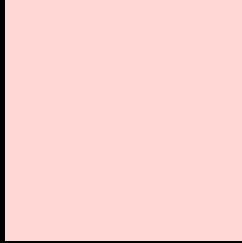
Large Text (above 18pt) WCAG AA × Fail

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 77.4241, 74.6143, 72.6087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

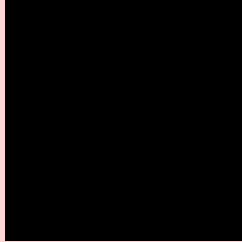
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

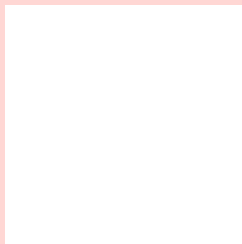
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4241, 74.6143, 72.6087

Background



This preview shows how black text looks on a background with the XYZ color 77.4241, 74.6143, 72.6087.

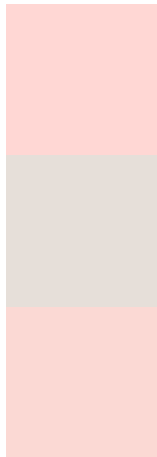


This preview shows how white text looks on a background with the XYZ color 77.4241, 74.6143,

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

77.4241, 74.6143, 72.6087

Protanopia

71.5452, 74.6081, 76.2756

Deuteranopia

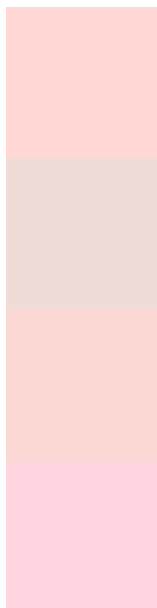
76.4802, 74.8884, 72.7113



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

77.4241, 74.6143, 72.6087

Protanomaly

73.4555, 74.4434, 74.7875

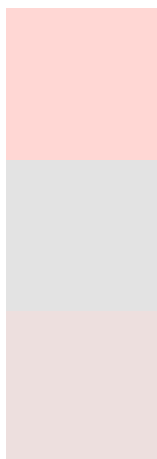
Deuteranomaly

76.5844, 74.5606, 72.6426

Tritanomaly

78.6059, 74.6808, 80.0839

Monochromacy



Original Color

77.4241, 74.6143, 72.6087

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.4975, 76.0538, 79.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4241, 74.6143, 72.6087 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, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 212)  
}
```

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, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 212) }
```

Border

The CSS property to change the border of an element to XYZ 77.4241, 74.6143, 72.6087 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, 215, 212) }
```


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

```
.border{ border-color:rgb(255, 215, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4241, 74.6143, 72.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 212) }
```

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

```
.background{ background-color: rgb(255,  
215, 212) }
```

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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