

Converting Colors

XYZ(77.1092, 73.9110, 72.7305)

Have a look what the booklet for
XYZ(77.1092, 73.9110, 72.7305)
contains.

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Color

**XYZ(77.1702, 74.1066,
72.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D4
RGB	255, 214, 212
RGB Percent	100%, 84%, 83%
CMY	0.0000, 0.1608, 0.1686
CMYK	0.00, 0.16, 0.17, 0.00
HSL	3°, 100%, 92%
HSV	3°, 17%, 100%
XYZ	77.1702, 74.1066, 72.5240
YIQ	226.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

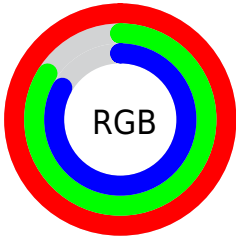
Format	Color
R _Y B	255, 214, 212
Decimal	16766676
CIE Lab	88.97, 13.98, 6.32
CIE LCh	89, 15.346, 24.334
Yxy	74.1066, 0.3448, 0.3311
Android (android.graphics.Color)	4294956756 (0xFFFFD6D4)
YUV	226.0310, -6.9173, 25.4058
Hunter-Lab	86.0852, 9.3654, 10.3097

Details

The XYZ color **77.1702, 74.1066, 72.5240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3256, 91.4648, 108.0286**, and the grayscale version is **72.3485, 76.1162, 82.8905**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7726, 39.2364, 37.2700** is the 20% darker color. If you saturate the color by 10%, you get **68.5038, 61.5215, 54.9987**, and if you desaturate by 10%, it is **87.2665, 88.7378, 93.0341**.

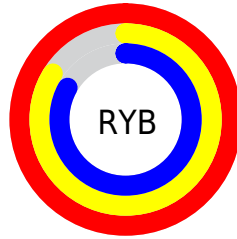
Distribution



Red (100%)

Green (84%)

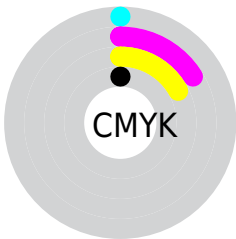
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

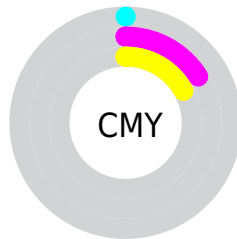


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1702, 74.1066, 72.5240 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 77.1702, 74.1066, 72.5240 by changing the saturation by 10% instead.


 77.1702, 74.1066,
72.5240

 77.1702, 74.1066,
72.5240


474.2272,
474.8412, 488.3899

 57.6930, 54.8813,
53.0974


128.3513,
125.0469, 124.5159

 41.8042, 39.3067,
37.4923


160.7858,
157.5307, 157.9182

 29.1384, 26.9984,
25.2901


198.2703,
195.2028, 196.8162

 19.3304, 17.5720,
16.0723

241.1698,
238.4475, 241.6284

 12.0147, 10.6432,
9.4204

289.8500,
287.6493, 292.7733

 6.8259, 5.8274,
4.9159

344.6760,

 3.3988, 2.7404,

343.1926, 350.6695

2.1401

406.0133,
405.4618, 415.7355

■ 1.3680, 0.9978,
0.6395

■ 0.2333, 0.0000,
0.0000

■ 77.1702, 74.1066,
72.5240

■ 77.1702, 74.1066,
72.5240

■ 68.5038, 61.5215,
54.9987

■ 87.2665, 88.7378,
93.0341

■ 61.1977, 50.8823,
40.3147

95.0500, 100.0000,
108.9000

■ 55.1842, 42.0947,
28.3238

■ 50.3881, 35.0530,
18.8624

■ 46.7263, 29.6406,
11.7493

■ 44.1050, 25.7269,
6.7791

■ 42.4159, 23.1612,
3.7109

■ 41.5256, 21.7610,
2.2414

■ 41.3701, 21.5203,
1.9734

Harmonies

Analogous

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



77.8114, 74.1066, 82.7331



77.1702, 74.1066, 72.5240



74.6980, 74.1066, 65.1364

Triad

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



77.1702, 74.1066, 72.5240



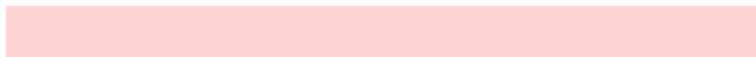
64.7725, 74.1066, 69.3037



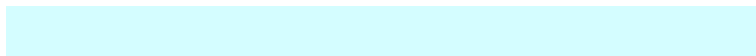
69.7308, 74.1066, 102.8866

Complementary

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



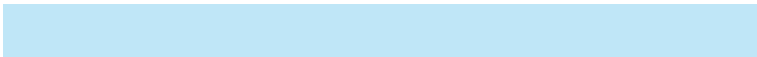
77.1702, 74.1066, 72.5240



80.3256, 91.4648, 108.0286

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.



66.3394, 74.1066, 98.5401



77.1702, 74.1066, 72.5240



63.5422, 74.1066, 78.6798

Square

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



77.1702, 74.1066, 72.5240



67.5240, 74.1066, 63.3951



64.1056, 74.1066, 89.4460



73.4307, 74.1066, 100.8736

Rectangle

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



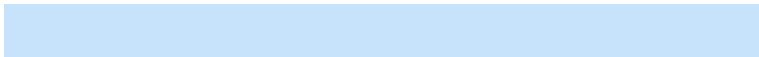
77.1702, 74.1066, 72.5240



72.3892, 74.1066, 62.4961



64.1056, 74.1066, 89.4460



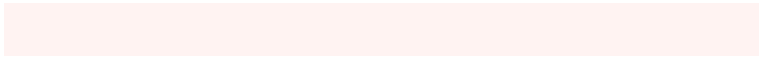
68.5185, 74.1066, 102.1099

Sweetspot

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



77.1720, 74.1098, 72.5255



89.3087, 91.6940, 97.1930



82.6039, 75.4757, 103.6171



18.9495, 19.3856, 20.4647



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.



77.1720, 74.1098, 72.5255



74.3015, 69.9444, 66.7112



82.8133, 85.3924, 74.4060



18.0773, 18.1227, 18.6896



21.6456, 11.3024, 1.0407



2.1304, 1.1461, 0.1089

Inverse Universe

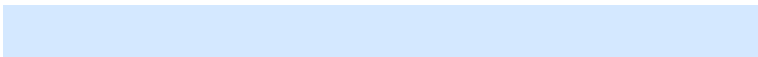
The Inverse Universe completely reimagines the original color for something new.



80.3256, 91.4648, 108.0286



77.9580, 90.0696, 107.8841



74.0774, 78.9685, 105.9459



18.4780, 20.3276, 23.1997



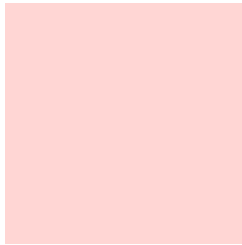
26.2278, 37.3652, 55.2644



2.5752, 3.6811, 5.3881

Previews

White Background



This preview shows how the XYZ color 77.1702, 74.1066, 72.5240 looks on a white background.

Color Contrast Check

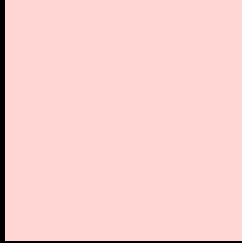
Large Text (above 18pt) WCAG AA × Fail

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 77.1702, 74.1066, 72.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

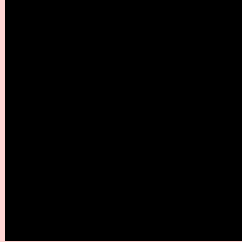
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1702, 74.1066, 72.5240

Background



This preview shows how black text looks on a background with the XYZ color 77.1702, 74.1066, 72.5240.



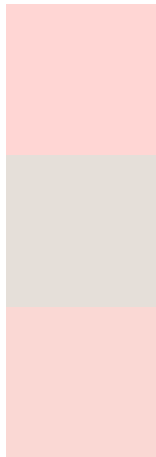
This preview shows how white text looks on a background with the XYZ color 77.1702, 74.1066,

72.5240.

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

77.1702, 74.1066, 72.5240

Protanopia

71.2252, 74.4431, 76.2606

Deuteranopia

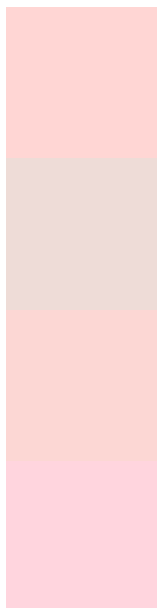
75.8639, 74.1892, 72.6088



Tritanopia

78.7871, 73.9484, 83.5197

Trichromacy



Original Color

77.1702, 74.1066, 72.5240

Protanomaly

73.1188, 74.2698, 74.7717

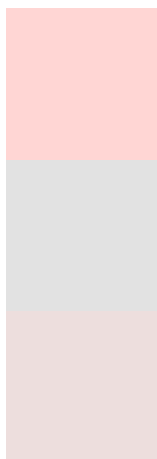
Deuteranomaly

76.3290, 74.0498, 72.5574

Tritanomaly

78.2191, 74.1224, 79.2917

Monochromacy



Original Color

77.1702, 74.1066, 72.5240

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.0975, 75.4675, 79.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1702, 74.1066, 72.5240 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, 214, 212) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 212) }
```

Border

The CSS property to change the border of an element to XYZ 77.1702, 74.1066, 72.5240 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, 214, 212) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1702, 74.1066, 72.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 212) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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