

Converting Colors

XYZ(74.0810, 72.1652, 58.4322)

Have a look what the booklet for
XYZ(74.0810, 72.1652, 58.4322)
contains.

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Color

**XYZ(73.9688, 72.0211,
58.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4BD
RGB	255, 212, 189
RGB Percent	100%, 83%, 74%
CMY	0.0000, 0.1686, 0.2588
CMYK	0.00, 0.17, 0.26, 0.00
HSL	21°, 100%, 87%
HSV	21°, 26%, 100%
XYZ	73.9688, 72.0211, 58.1470
YIQ	222.2350, 33.0110, 1.9630

Conversions

Conversions Part 2

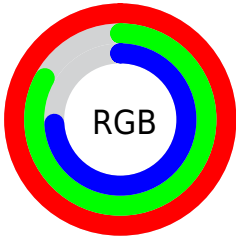
Format	Color
R _Y B	255, 224, 189
Decimal	16766141
CIE Lab	87.98, 11.73, 17.01
CIE LCh	88, 20.661, 55.420
Yxy	72.0211, 0.3623, 0.3528
Android (android.graphics.Color)	4294956221 (0xFFFFD4BD)
YUV	222.2350, -16.3849, 28.7349
Hunter-Lab	84.8652, 7.0669, 18.7820

Details

The XYZ color **73.9688, 72.0211, 58.1470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8920, 75.7496, 105.6506**, and the grayscale version is **69.6946, 73.3241, 79.8500**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.5269, 37.7618, 28.4980** is the 20% darker color. If you saturate the color by 10%, you get **67.4996, 63.1297, 43.5141**, and if you desaturate by 10%, it is **81.3555, 81.9681, 75.4883**.

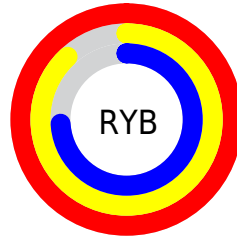
Distribution



Red (100%)

Green (83%)

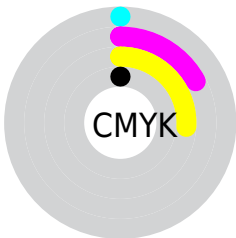
Blue (74%)



Red (100%)

Yellow (88%)

Blue (74%)

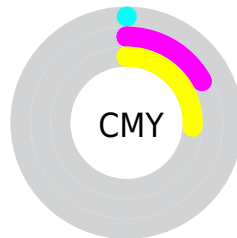


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9688, 72.0211, 58.1470 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 73.9688, 72.0211, 58.1470 by changing the saturation by 10% instead.


 73.9688, 72.0211,
58.1470

 73.9688, 72.0211,
58.1470

463.4177,
467.6150, 435.3470

 55.0597, 53.1759,
41.5114


 123.8473,
122.0865, 103.6538

 39.6835, 37.9432,
28.3962


155.5474,
154.0756, 133.3620

 27.4750, 25.9386,
18.3829


192.2419,
191.2147, 168.2648

 18.0687, 16.7777,
11.0529

234.2962,
233.8882, 208.7808

 11.0993, 10.0761,
5.9878

282.0755,
282.4807, 255.3285

 6.2015, 5.4495,
2.7690

335.9453,

 3.0098, 2.5133,

337.3763, 308.3264

0.9779

396.2709,
398.9597, 368.1930

■ 1.1589, 0.8833,
0.0000

■ 0.0736, 0.0000,
0.0000

■ 73.9688, 72.0211,
58.1470

■ 73.9688, 72.0211,
58.1470

■ 67.4996, 63.1297,
43.5141

■ 81.3555, 81.9681,
75.4883

■ 61.9042, 55.2484,
31.4467

■ 89.6903, 92.9952,
95.6621

■ 57.1432, 48.3422,
21.7953

95.0500, 100.0000,
108.9000

■ 53.1715, 42.3705,
14.3931

■ 49.9393, 37.2892,
9.0515

■ 47.3899, 33.0502,
5.5508

■ 45.4554, 29.5987,
3.6190

■ 44.8027, 28.3854,
3.1176

Harmonies

Analogous

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



77.3653, 72.0211, 67.3468



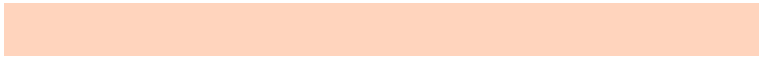
73.9688, 72.0211, 58.1470



69.2127, 72.0211, 54.3783

Triad

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



73.9688, 72.0211, 58.1470



59.4441, 72.0211, 76.2735



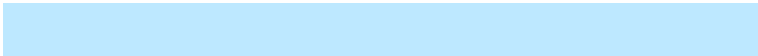
72.5985, 72.0211, 105.5441

Complementary

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



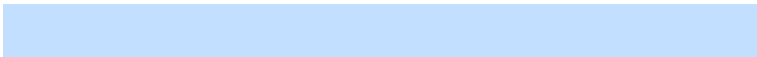
73.9688, 72.0211, 58.1470



67.8920, 75.7496, 105.6506

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.



67.7007, 72.0211, 108.6687



73.9688, 72.0211, 58.1470



60.2545, 72.0211, 90.6421

Square

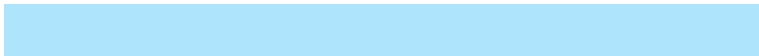
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9688, 72.0211, 58.1470



60.9515, 72.0211, 64.0152



63.2202, 72.0211, 102.9268



76.5480, 72.0211, 94.8354

Rectangle

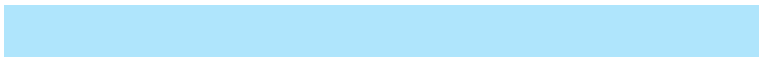
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9688, 72.0211, 58.1470



65.9674, 72.0211, 55.0781



63.2202, 72.0211, 102.9268



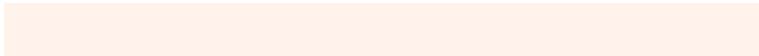
71.0021, 72.0211, 107.5670

Sweetspot

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



73.9706, 72.0243, 58.1485



87.8437, 90.5672, 91.1460



74.1460, 63.5391, 85.4476



18.5272, 19.0225, 18.8396



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.



73.9706, 72.0243, 58.1485



70.5467, 67.3429, 50.3286



82.7763, 89.6357, 61.0837



18.5272, 19.0225, 18.8396



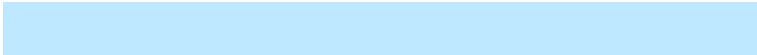
23.5360, 15.0832, 1.6709



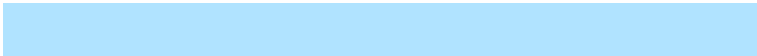
2.3893, 1.6639, 0.1952

Inverse Universe

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



67.8920, 75.7496, 105.6506



63.5344, 71.6267, 105.0845



59.6913, 59.3482, 102.9170



17.9907, 19.3531, 23.0372



16.7130, 18.3355, 52.0928



1.7297, 1.9900, 5.1062

Previews

White Background



This preview shows how the XYZ color 73.9688, 72.0211, 58.1470 looks on a white background.

Color Contrast Check

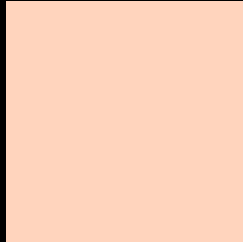
Large Text (above 18pt) WCAG AA × Fail

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 73.9688, 72.0211, 58.1470 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 73.9688, 72.0211, 58.1470

Background



This preview shows how black text looks on a background with the XYZ color 73.9688, 72.0211, 58.1470.



This preview shows how white text looks on a background with the XYZ color 73.9688, 72.0211,

58.1470.

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

73.9688, 72.0211, 58.1470

Protanopia

68.1738, 72.0256, 60.7613

Deuteranopia

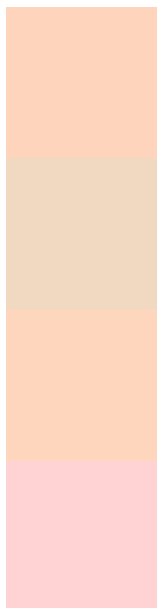
73.8526, 72.3335, 58.2134



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

73.9688, 72.0211, 58.1470

Protanomaly

70.2625, 71.9567, 60.0550

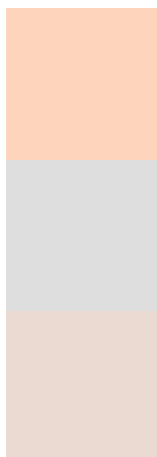
Deuteranomaly

73.8526, 72.3335, 58.2134

Tritanomaly

76.0445, 72.0563, 71.5283

Monochromacy



Original Color

73.9688, 72.0211, 58.1470

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6359, 72.2884, 71.2029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9688, 72.0211, 58.1470 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, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 189)  
}
```

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, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 189) }
```

Border

The CSS property to change the border of an element to XYZ 73.9688, 72.0211, 58.1470 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, 212, 189) }
```


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

```
.border{ border-color:rgb(255, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9688, 72.0211, 58.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 189) }
```

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

```
.background{ background-color: rgb(255,  
212, 189) }
```

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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