

Converting Colors

XYZ(73.0147, 72.5199, 60.4711)

Have a look what the booklet for
XYZ(73.0147, 72.5199, 60.4711)
contains.

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Color

**XYZ(72.9930, 72.5909,
60.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D7C1
RGB	249, 215, 193
RGB Percent	98%, 84%, 76%
CMY	0.0235, 0.1568, 0.2431
CMYK	0.00, 0.14, 0.22, 0.02
HSL	24°, 82%, 87%
HSV	24°, 22%, 98%
XYZ	72.9930, 72.5909, 60.6164
YIQ	222.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

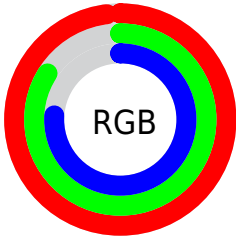
Format	Color
R _Y B	249, 229, 193
Decimal	16373697
CIE Lab	88.25, 8.52, 15.22
CIE LCh	88, 17.438, 60.767
Yxy	72.5909, 0.3540, 0.3520
Android (android.graphics.Color)	4294563777 (0xFFFF9D7C1)
YUV	222.6580, -14.6214, 23.1019
Hunter-Lab	85.2003, 3.8244, 17.4579

Details

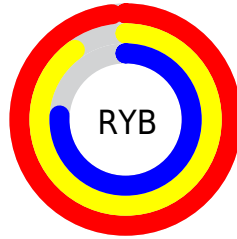
The XYZ color **72.9930, 72.5909, 60.6164** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5597, 73.1132, 100.2271**, and the grayscale version is **69.9851, 73.6297, 80.1828**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.9692, 38.2122, 29.7479** is the 20% darker color. If you saturate the color by 10%, you get **66.7734, 64.2286, 45.9735**, and if you desaturate by 10%, it is **80.0399, 81.8581, 77.8439**.

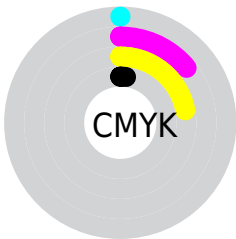
Distribution



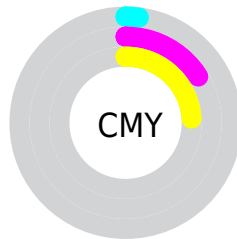
- Red (98%)
- Green (84%)
- Blue (76%)



- Red (98%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9930, 72.5909, 60.6164 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 72.9930, 72.5909, 60.6164 by changing the saturation by 10% instead.


 72.9930, 72.5909,
60.6164

 72.9930, 72.5909,
60.6164


460.0947,
469.5957, 444.7337

 54.2586, 53.6415,
43.4871


 122.4705,
122.8963, 107.2754

 39.0399, 38.3151,
29.9333


153.9442,
155.0210, 137.6423

 26.9717, 26.2274,
19.5363


190.3952,
192.3064, 173.2587

 17.6884, 16.9938,
11.8777

232.1886,
235.1367, 214.5432

 10.8249, 10.2301,
6.5389

279.6899,
283.8964, 261.9145

 6.0156, 5.5518,
3.1014

333.2645,

 2.8953, 2.5745,

338.9699, 315.7909

1.1467

393.2776,
400.7415, 376.5911

■ 1.0986, 0.9139,
0.0000

■ 0.0240, 0.0000,
0.0000

■ 72.9930, 72.5909,
60.6164

■ 72.9930, 72.5909,
60.6164

■ 66.7734, 64.2286,
45.9735

■ 80.0399, 81.8581,
77.8439

■ 61.3422, 56.7329,
33.7842

■ 87.9391, 92.0476,
97.7692

■ 56.6660, 50.0769,
23.9128

■ 92.8771, 98.8798,
108.7983

■ 52.7062, 44.2283,
16.2084

■ 49.4205, 39.1527,
10.5019

■ 46.7611, 34.8124,
6.5987

■ 44.6717, 31.1651,
4.2638

■ 43.4202, 28.8460,
3.2793

Harmonies

Analogous

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



76.1300, 72.5909, 67.8458



72.9930, 72.5909, 60.6164



68.8880, 72.5909, 58.1963

Triad

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



72.9930, 72.5909, 60.6164



61.2715, 72.5909, 79.3474



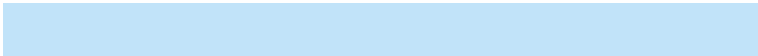
73.1865, 72.5909, 100.4991

Complementary

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



72.9930, 72.5909, 60.6164



66.5597, 73.1132, 100.2271

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.



69.1030, 72.5909, 104.3447



72.9930, 72.5909, 60.6164



62.3212, 72.5909, 91.4005

Square

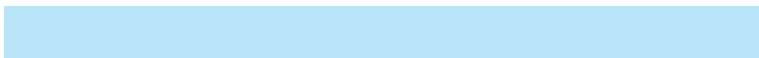
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9930, 72.5909, 60.6164



62.2208, 72.5909, 68.3287



65.1466, 72.5909, 100.8609



76.2449, 72.5909, 90.8142

Rectangle

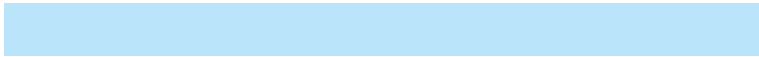
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9930, 72.5909, 60.6164



66.1865, 72.5909, 59.4218



65.1466, 72.5909, 100.8609



71.8828, 72.5909, 102.5588

Sweetspot

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



72.9949, 72.5942, 60.6179



88.9481, 92.1834, 93.3408



72.0764, 63.8561, 81.5869



18.9305, 19.5917, 19.7061



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.



72.9949, 72.5942, 60.6179



73.9646, 72.5029, 56.6341



80.5843, 87.7729, 63.1477



17.8041, 18.3440, 18.0648



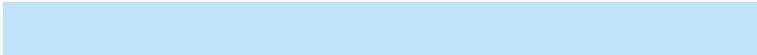
23.3707, 15.6980, 1.7982



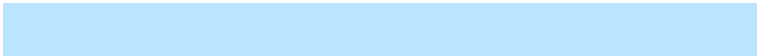
2.2644, 1.6537, 0.1999

Inverse Universe

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



66.5597, 73.1132, 100.2271



66.0646, 73.1348, 105.2422



59.6384, 59.2707, 97.9200



17.1599, 18.3967, 22.0318



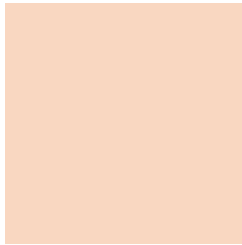
15.2324, 15.8204, 50.2244



1.5140, 1.6717, 4.6860

Previews

White Background



This preview shows how the XYZ color 72.9930, 72.5909, 60.6164 looks on a white background.

Color Contrast Check

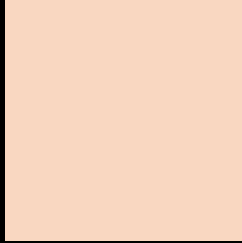
Large Text (above 18pt) WCAG AA × Fail

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 72.9930, 72.5909, 60.6164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

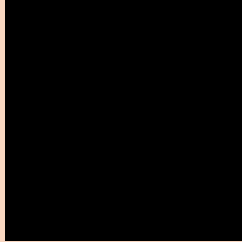
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9930, 72.5909, 60.6164

Background



This preview shows how black text looks on a background with the XYZ color 72.9930, 72.5909, 60.6164.



This preview shows how white text looks on a background with the XYZ color 72.9930, 72.5909,

60.6164.

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

72.9930, 72.5909, 60.6164

Protanopia

68.7753, 72.6873, 62.6298

Deuteranopia

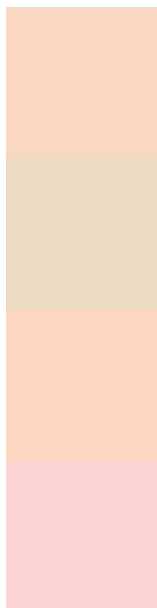
73.9279, 72.3214, 60.5151



Tritanopia

77.2821, 72.4668, 81.8658

Trichromacy



Original Color

72.9930, 72.5909, 60.6164

Protanomaly

70.4417, 72.7803, 61.9651

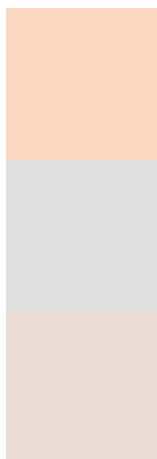
Deuteranomaly

73.8171, 72.6388, 60.5822

Tritanomaly

75.8260, 72.6375, 73.6423

Monochromacy



Original Color

72.9930, 72.5909, 60.6164

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7556, 73.0957, 72.6670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9930, 72.5909, 60.6164 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(249, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(249, 215, 193)  
}
```

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(249, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 193) }
```

Border

The CSS property to change the border of an element to XYZ 72.9930, 72.5909, 60.6164 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(249, 215, 193) }
```


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

```
.border{ border-color:rgb(249, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9930, 72.5909, 60.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 215, 193) }
```

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

```
.background{ background-color: rgb(249,  
215, 193) }
```

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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