

# Converting Colors

XYZ(73.9373, 72.5466, 61.0879)

Have a look what the booklet for  
XYZ(73.9373, 72.5466, 61.0879)  
contains.

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# Color

**XYZ(73.9291, 72.6836,  
61.1718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD6C2
RGB	252, 214, 194
RGB Percent	99%, 84%, 76%
CMY	0.0118, 0.1608, 0.2392
CMYK	0.00, 0.15, 0.23, 0.01
HSL	21°, 91%, 87%
HSV	21°, 23%, 99%
XYZ	73.9291, 72.6836, 61.1718
YIQ	223.0820, 29.0680, 1.8360

# Conversions

## Conversions Part 2

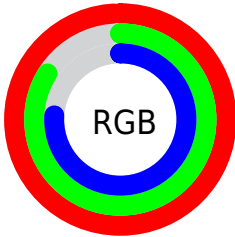
Format	Color
RYB	252, 225, 194
Decimal	16570050
CIELab	88.30, 10.27, 14.79
CIElCh	88, 18.010, 55.219
Yxy	72.6836, 0.3558, 0.3498
Android (android.graphics.Color)	4294760130 (0xFFFC6C2)
YUV	223.0820, -14.3374, 25.3611
Hunter-Lab	85.2547, 5.5917, 17.1366

# Details

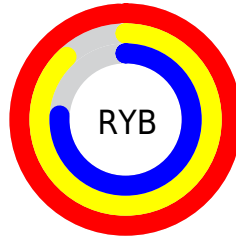
The XYZ color **73.9291, 72.6836, 61.1718** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6749, 76.2090, 103.1863**, and the grayscale version is **70.2833, 73.9435, 80.5245**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **39.6374, 38.2918, 30.1129** is the 20% darker color. If you saturate the color by 10%, you get **67.3674, 63.7116, 46.1855**, and if you desaturate by 10%, it is **81.3981, 82.7011, 78.8299**.

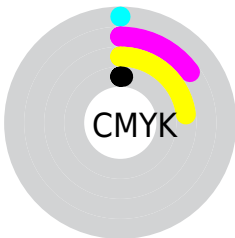
# Distribution



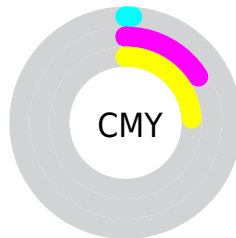
- Red (99%)
- Green (84%)
- Blue (76%)



- Red (99%)
- Yellow (88%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (1%)




- Cyan (1%)
- Magenta (16%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9291, 72.6836, 61.1718 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 73.9291, 72.6836, 61.1718 by changing the saturation by 10% instead.




 73.9291, 72.6836,  
61.1718

 73.9291, 72.6836,  
61.1718


463.2827,  
469.9175, 446.8276

 55.0271, 53.7173,  
43.9324


123.7913,  
123.0279, 108.0876

 39.6573, 38.3757,  
30.2805


155.4823,  
155.1747, 138.6011

 27.4545, 26.2744,  
19.7978


192.1669,  
192.4838, 174.3763

 18.0532, 17.0290,  
12.0655

234.2106,  
235.3396, 215.8318

 11.0881, 10.2552,  
6.6652

281.9786,  
284.1265, 263.3861

 6.1939, 5.5685,  
3.1784

335.8364,

 3.0051, 2.5845,

339.2288, 317.4579

1.1864

396.1493,  
401.0310, 378.4655

■ 1.1565, 0.9189,  
0.0000

■ 0.0716, 0.0000,  
0.0000

■ 73.9291, 72.6836,  
61.1718

■ 73.9291, 72.6836,  
61.1718

■ 67.3674, 63.7116,  
46.1855

■ 81.3981, 82.7011,  
78.8299

■ 61.6705, 55.7405,  
33.7348

■ 89.8031, 93.7871,  
99.2778

■ 56.8008, 48.7366,  
23.6783

■ 93.9551, 99.4356,  
108.8488

■ 52.7155, 42.6607,  
15.8587

■ 49.3674, 37.4706,  
10.0997

■ 46.7033, 33.1200,  
6.1977

■ 44.6608, 29.5574,  
3.9066

■ 43.5467, 27.4986,  
3.0126

# Harmonies

## Analogous

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



76.8708, 72.6836, 69.4345



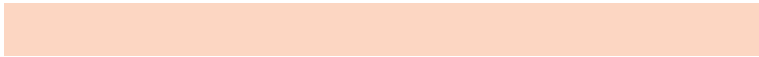
73.9291, 72.6836, 61.1718



69.7780, 72.6836, 57.7299

# Triad

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



73.9291, 72.6836, 61.1718



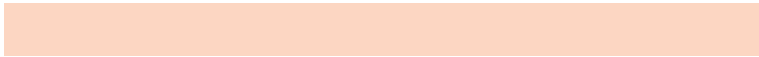
61.1353, 72.6836, 77.1745



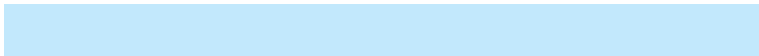
72.6821, 72.6836, 102.6612

# Complementary

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



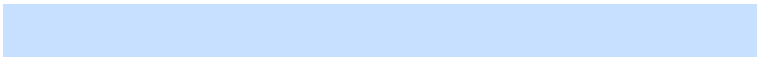
73.9291, 72.6836, 61.1718



68.6749, 76.2090, 103.1863

# 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.



68.3938, 72.6836, 105.2806



73.9291, 72.6836, 61.1718



61.8409, 72.6836, 89.7104

# Square

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



73.9291, 72.6836, 61.1718



62.4859, 72.6836, 66.3355



64.4546, 72.6836, 100.3217



76.1301, 72.6836, 93.4947



# Rectangle

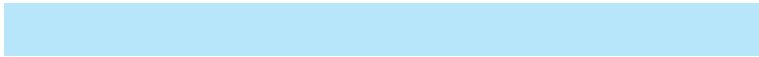
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9291, 72.6836, 61.1718



66.9268, 72.6836, 58.3407



64.4546, 72.6836, 100.3217



71.2862, 72.6836, 104.3746

# Sweetspot

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



73.9310, 72.6869, 61.1733



88.6904, 91.6681, 93.2549



74.0978, 65.1441, 85.5108



18.8709, 19.4725, 19.6862



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.



73.9310, 72.6869, 61.1733



72.4610, 69.9262, 54.8059



81.7346, 88.2941, 63.7745



17.7341, 18.2040, 18.0414



22.8071, 14.5708, 1.6104

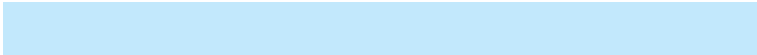


2.2070, 1.5388, 0.1807

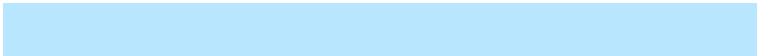


# Inverse Universe

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



68.6749, 76.2090, 103.1863



66.1223, 74.1627, 105.4376



61.3334, 61.5260, 100.7391



17.2324, 18.5416, 22.0559



16.3123, 17.9802, 50.5843

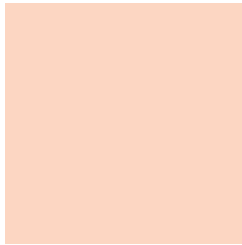


1.6096, 1.8628, 4.7179



# Previews

## White Background



This preview shows how the XYZ color 73.9291, 72.6836, 61.1718 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

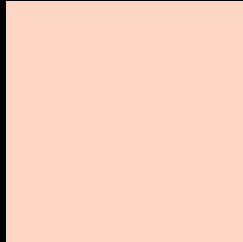
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.9291, 72.6836, 61.1718 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

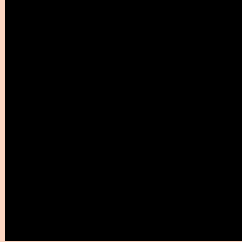
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.9291, 72.6836, 61.1718**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.9291, 72.6836, 61.1718.



This preview shows how white text looks on a background with the XYZ color 73.9291, 72.6836,

61.1718.

# 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

73.9291, 72.6836, 61.1718

### Protanopia

69.0045, 72.7790, 63.8369

### Deuteranopia

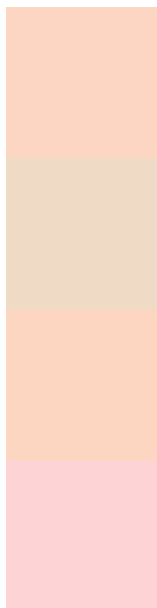
74.2922, 72.8708, 61.1888



## Tritanopia

78.0141, 72.8442, 81.9001

# Trichromacy



## Original Color

73.9291, 72.6836, 61.1718

## Protanomaly

70.7461, 72.5247, 63.0933

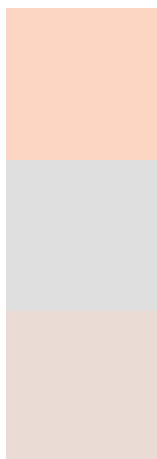
## Deuteranomaly

74.2922, 72.8708, 61.1888

## Tritanomaly

76.3049, 72.5144, 73.5933

# Monochromacy



## Original Color

73.9291, 72.6836, 61.1718

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.4085, 73.4323, 72.6976

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.9291, 72.6836, 61.1718 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(252, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 214, 194)  
}
```

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(252, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 214, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 73.9291, 72.6836, 61.1718 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(252, 214, 194) }
```



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

```
.border{ border-color:rgb(252, 214, 194) }
```

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

Here you see how a box with a 4 pixel rgb(252, 214, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 214,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.9291, 72.6836, 61.1718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 214, 194) }
```

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

```
.background{ background-color: rgb(252,  
214, 194) }
```

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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