

# Converting Colors

XYZ(73.7571, 71.1004, 66.3371)

Have a look what the booklet for  
XYZ(73.7571, 71.1004, 66.3371)  
contains.

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# Color

**XYZ(73.6097, 70.9142,  
66.3081)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD2CB
RGB	251, 210, 203
RGB Percent	98%, 82%, 80%
CMY	0.0157, 0.1764, 0.2039
CMYK	0.00, 0.16, 0.19, 0.02
HSL	9°, 86%, 89%
HSV	9°, 19%, 98%
XYZ	73.6097, 70.9142, 66.3081
YIQ	221.4610, 26.6830, 6.5150

# Conversions

## Conversions Part 2

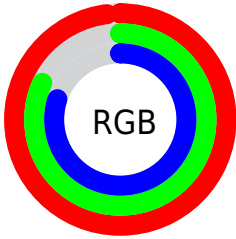
Format	Color
R <sub>Y</sub> B	251, 211, 203
Decimal	16503499
CIE Lab	87.44, 13.29, 8.83
CIE LCh	87, 15.953, 33.591
Yxy	70.9142, 0.3491, 0.3364
Android (android.graphics.Color)	4294693579 (0xFFFB D2CB)
YUV	221.4610, -9.1013, 25.9057
Hunter-Lab	84.2106, 8.6610, 12.2620

# Details

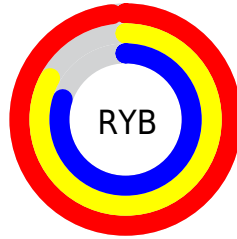
The XYZ color **73.6097, 70.9142, 66.3081** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3912, 84.3607, 103.6296**, and the grayscale version is **69.1017, 72.7004, 79.1707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3943, 37.0819, 33.5150** is the 20% darker color. If you saturate the color by 10%, you get **65.9149, 59.9297, 50.1612**, and if you desaturate by 10%, it is **82.5017, 83.5167, 85.2448**.

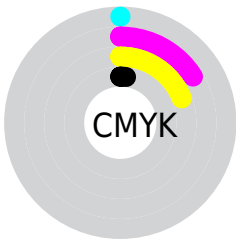
# Distribution



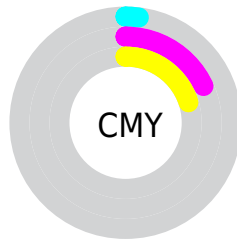
- Red (98%)
- Green (82%)
- Blue (80%)



- Red (98%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6097, 70.9142, 66.3081 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 73.6097, 70.9142, 66.3081 by changing the saturation by 10% instead.




 73.6097, 70.9142,  
66.3081

 73.6097, 70.9142,  
66.3081


462.1964,  
463.7534, 465.9122

 54.7648, 52.2722,  
48.0645


123.3408,  
120.5115, 115.5596

 39.4465, 37.2221,  
33.5176


154.9578,  
152.2357, 147.4047

 27.2896, 25.3795,  
22.2489


191.5628,  
189.0893, 184.6206

 17.9285, 16.3600,  
13.8398

233.5213,  
231.4568, 227.6259

 10.9981, 9.7793,  
7.8719

281.1985,  
279.7225, 276.8392

 6.1328, 5.2528,  
3.9265

334.9598,

 2.9674, 2.3964,

334.2710, 332.6790

1.5851

395.1707,  
395.4865, 395.5638

■ 1.1366, 0.8240,  
0.2802

■ 0.0554, 0.0000,  
0.0000

■ 73.6097, 70.9142,  
66.3081

■ 73.6097, 70.9142,  
66.3081

■ 65.9149, 59.9297,  
50.1612

■ 82.5017, 83.5167,  
85.2448

■ 59.3601, 50.4884,  
36.6677

■ 92.6332, 97.7891,  
107.0900

■ 53.8924, 42.5237,  
25.6867

■ 93.5938, 99.2493,  
108.8319

■ 49.4520, 35.9605,  
17.0620

■ 45.9736, 30.7170,  
10.6203

■ 43.3837, 26.7029,  
6.1640

■ 41.5982, 23.8159,  
3.4597

■ 40.5054, 21.9331,  
2.1619

■ 40.4339, 21.8095,  
2.0785

# Harmonies

## Analogous

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



74.8831, 70.9142, 75.9229



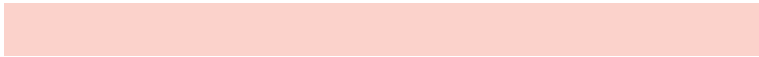
73.6097, 70.9142, 66.3081



70.6711, 70.9142, 60.1032

# Triad

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



73.6097, 70.9142, 66.3081



61.1276, 70.9142, 68.3599



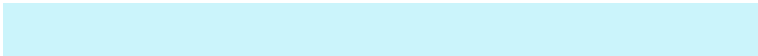
67.8560, 70.9142, 99.7932

# Complementary

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



73.6097, 70.9142, 66.3081



74.3912, 84.3607, 103.6296

# 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.



64.2350, 70.9142, 97.2971



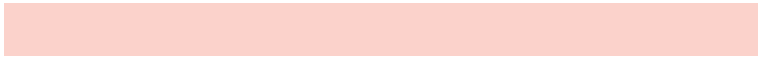
73.6097, 70.9142, 66.3081



60.4362, 70.9142, 78.5186

# Square

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



73.6097, 70.9142, 66.3081



63.4779, 70.9142, 61.2082



61.5532, 70.9142, 89.2535



71.4842, 70.9142, 95.7908



# Rectangle

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



73.6097, 70.9142, 66.3081



68.2126, 70.9142, 58.3995



61.5532, 70.9142, 89.2535



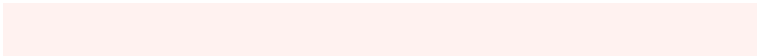
66.5975, 70.9142, 99.6879

# Sweetspot

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



73.6116, 70.9174, 66.3096



88.6558, 90.9977, 95.0963



77.5607, 69.7901, 95.4499



18.8331, 19.2757, 20.0472



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

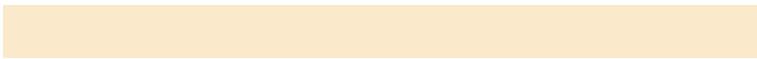
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6116, 70.9174, 66.3096



73.0532, 68.8805, 61.8786



79.8161, 83.3263, 68.3777



17.4490, 17.6338, 17.9464



21.3163, 11.5892, 1.1134



2.0337, 1.1923, 0.1230

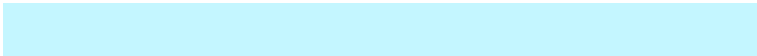


# Inverse Universe

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



74.3912, 84.3607, 103.6296



73.9962, 85.1830, 107.1497



67.7930, 71.1643, 101.4302



17.5373, 19.1514, 22.1576



21.9261, 29.2078, 52.4556

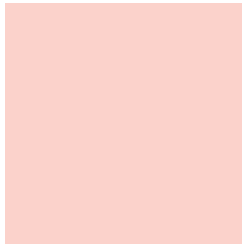


2.0877, 2.8191, 4.8773



# Previews

## White Background



This preview shows how the XYZ color 73.6097, 70.9142, 66.3081 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

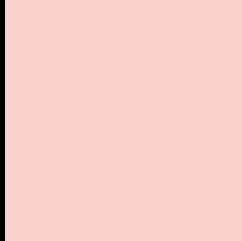
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.6097, 70.9142, 66.3081 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

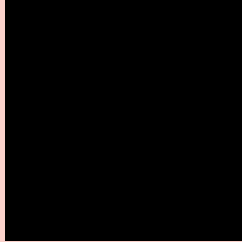
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.6097, 70.9142, 66.3081**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.6097, 70.9142, 66.3081.



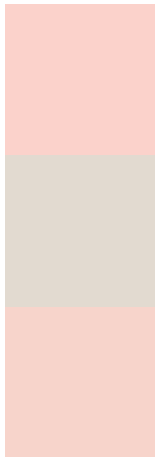
This preview shows how white text looks on a background with the XYZ color 73.6097, 70.9142,



# 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

73.6097, 70.9142, 66.3081

### Protanopia

67.8206, 70.8656, 69.7784

### Deuteranopia

72.6807, 71.1729, 66.4070



## Tritanopia

76.1401, 70.8360, 79.4717

# Trichromacy



## Original Color

73.6097, 70.9142, 66.3081

## Protanomaly

69.7020, 70.7193, 68.3690

## Deuteranomaly

72.7852, 70.8568, 66.3404

## Tritanomaly

75.0954, 70.7651, 74.6668

# Monochromacy



## Original Color

73.6097, 70.9142, 66.3081

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.2292, 71.6366, 73.7441

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.6097, 70.9142, 66.3081 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(251, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 210, 203)  
}
```

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(251, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 210, 203) }
```

## Border

The CSS property to change the border of an element to XYZ 73.6097, 70.9142, 66.3081 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(251, 210, 203) }
```



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

```
.border{ border-color:rgb(251, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 210,  
203) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.6097, 70.9142, 66.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 210, 203) }
```

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

```
.background{ background-color: rgb(251,  
210, 203) }
```

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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