

# Converting Colors

XYZ(79.2674, 70.8266, 57.5862)

Have a look what the booklet for  
XYZ(79.2674, 70.8266, 57.5862)  
contains.

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# Color

**XYZ(71.3120, 66.7074,  
57.2614)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC9BD
RGB	255, 201, 189
RGB Percent	100%, 79%, 74%
CMY	0.0000, 0.2117, 0.2588
CMYK	0.00, 0.21, 0.26, 0.00
HSL	11°, 100%, 87%
HSV	11°, 26%, 100%
XYZ	71.3120, 66.7074, 57.2614
YIQ	215.7780, 36.0360, 7.7160

# Conversions

## Conversions Part 2

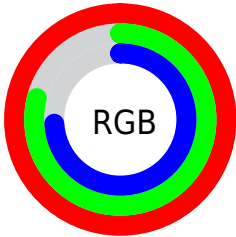
Format	Color
R <sub>Y</sub> B	255, 204, 189
Decimal	16763325
CIE Lab	85.36, 17.46, 13.32
CIE LCh	85, 21.957, 37.336
Yxy	66.7074, 0.3652, 0.3416
Android (android.graphics.Color)	4294953405 (0xFFFFC9BD)
YUV	215.7780, -13.2016, 34.3977
Hunter-Lab	81.6746, 12.9220, 15.6045

# Details

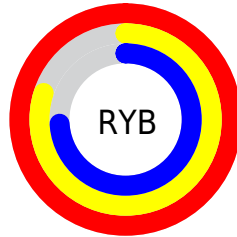
The XYZ color **71.3120, 66.7074, 57.2614** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0859, 82.1374, 106.7152**, and the grayscale version is **65.1904, 68.5853, 74.6894**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **37.9036, 34.5153, 27.9569** is the 20% darker color. If you saturate the color by 10%, you get **64.2463, 56.6232, 42.4296**, and if you desaturate by 10%, it is **79.5280, 78.3131, 74.8791**.

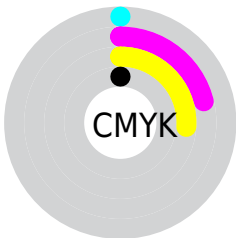
# Distribution



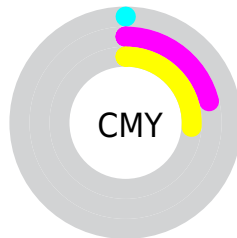
- Red (100%)
- Green (79%)
- Blue (74%)



- Red (100%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3120, 66.7074, 57.2614 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 71.3120, 66.7074, 57.2614 by changing the saturation by 10% instead.





 71.3120, 66.7074,  
57.2614

 71.3120, 66.7074,  
57.2614


454.3383,  
448.9025, 431.9492

 52.8803, 48.8469,  
40.8044


 120.0940,  
114.5010, 102.3506

 37.9343, 34.4980,  
27.8477


151.1750,  
145.2030, 131.8199

 26.1087, 23.2765,  
17.9729


187.2031,  
180.9541, 166.4637

 17.0381, 14.7978,  
10.7613

228.5437,  
222.1389, 206.7006

 10.3571, 8.6776,  
5.7944

275.5622,  
269.1418, 252.9490

 5.7005, 4.5315,  
2.6537

328.6239,

 2.7027, 1.9751,

322.3471, 305.6276

0.9200

388.0941,  
382.1392, 365.1548

■ 0.9986, 0.5929,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 71.3120, 66.7074,  
57.2614

■ 71.3120, 66.7074,  
57.2614

■ 64.2463, 56.6232,  
42.4296

■ 79.5280, 78.3131,  
74.8791

■ 58.2744, 47.9887,  
30.2367

■ 88.9382, 91.4909,  
95.4112

■ 53.3416, 40.7391,  
20.5281

95.0500, 100.0000,  
108.9000

■ 49.3870, 34.8015,  
13.1315

■ 46.3427, 30.0960,  
7.8526

■ 44.1316, 26.5337,  
4.4647

■ 42.6625, 24.0129,  
2.6881

■ 42.2320, 23.2440,  
2.2607

# Harmonies

## Analogous

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



73.3653, 66.7074, 69.1927



71.3120, 66.7074, 57.2614



67.1587, 66.7074, 50.1848

# Triad

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



71.3120, 66.7074, 57.2614



54.9846, 66.7074, 62.5861



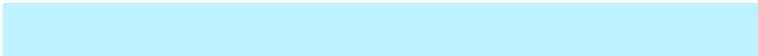
64.6320, 66.7074, 103.3118

# Complementary

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



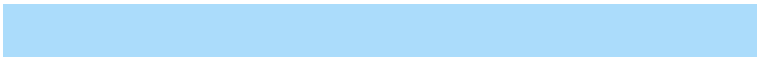
71.3120, 66.7074, 57.2614



71.0859, 82.1374, 106.7152

# 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.



59.7907, 66.7074, 100.9398



71.3120, 66.7074, 57.2614



54.3867, 66.7074, 76.1855

# Square

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



71.3120, 66.7074, 57.2614



57.7804, 66.7074, 52.9670



56.1022, 66.7074, 90.5354



69.3798, 66.7074, 96.6483



# Rectangle

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



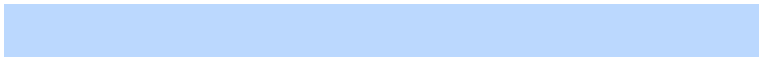
71.3120, 66.7074, 57.2614



63.8487, 66.7074, 48.5732



56.1022, 66.7074, 90.5354



62.9602, 66.7074, 103.5580

# Sweetspot

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



71.3136, 66.7104, 57.2628



86.8427, 88.5652, 90.8123



75.7671, 64.1875, 93.9842



18.2765, 18.5213, 18.7560



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.



71.3136, 66.7104, 57.2628



67.5562, 61.3621, 49.3318



79.5645, 83.2123, 60.0131



18.2765, 18.5213, 18.7560



22.1436, 12.2984, 1.2067

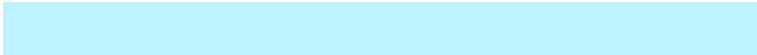


2.2248, 1.3349, 0.1404



# Inverse Universe

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



71.0859, 82.1374, 106.7152



67.2865, 79.1309, 106.3352



62.3312, 64.6281, 103.7970



18.2574, 19.8864, 23.1261



21.3978, 27.7052, 53.6544



2.1532, 2.8371, 5.2474



# Previews

## White Background



This preview shows how the XYZ color 71.3120, 66.7074, 57.2614 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

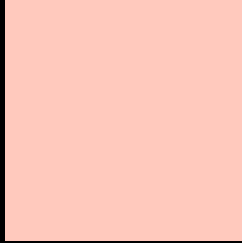
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.3120, 66.7074, 57.2614 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

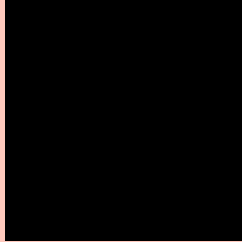
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 71.3120, 66.7074, 57.2614

## Background



This preview shows how black text looks on a background with the XYZ color 71.3120, 66.7074, 57.2614.



This preview shows how white text looks on a background with the XYZ color 71.3120, 66.7074,

57.2614.

# 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

71.3120, 66.7074, 57.2614

### Protanopia

63.7688, 67.0582, 61.2123

### Deuteranopia

68.1106, 66.8281, 56.8863



## Tritanopia

73.6737, 66.9109, 71.9829

# Trichromacy



## Original Color

71.3120, 66.7074, 57.2614

## Protanomaly

66.3578, 66.9436, 59.8761

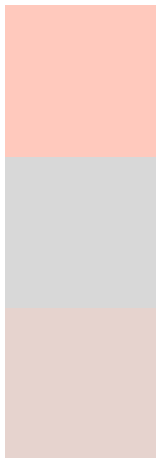
## Deuteranomaly

69.0277, 66.5907, 56.7921

## Tritanomaly

72.7934, 66.9282, 66.2085

# Monochromacy



## Original Color

71.3120, 66.7074, 57.2614

## Achromatopsia

65.2694, 68.6685, 74.7800

## Achromatomaly

67.0680, 67.8678, 67.9574

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.3120, 66.7074, 57.2614 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, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 71.3120, 66.7074, 57.2614 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, 201, 189) }
```



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

```
.border{ border-color:rgb(255, 201, 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, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.3120, 66.7074, 57.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 189) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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