

# Converting Colors

XYZ(114.4412, 92.7520,  
60.8737)

Have a look what the booklet for  
XYZ(114.4412, 92.7520, 60.8737)  
contains.

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# **Color**

**XYZ(74.1875, 72.1086,  
59.2985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD4BF
RGB	255, 212, 191
RGB Percent	100%, 83%, 75%
CMY	0.0000, 0.1686, 0.2510
CMYK	0.00, 0.17, 0.25, 0.00
HSL	20°, 100%, 87%
HSV	20°, 25%, 100%
XYZ	74.1875, 72.1086, 59.2985
YIQ	222.4630, 32.3690, 2.5850

# Conversions

## Conversions Part 2

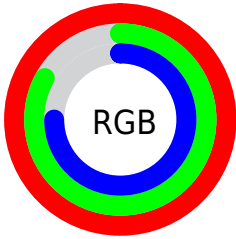
Format	Color
R <sub>Y</sub> B	255, 222, 191
Decimal	16766143
CIE Lab	88.02, 12.00, 16.02
CIE LCh	88, 20.014, 53.169
Yxy	72.1086, 0.3608, 0.3507
Android (android.graphics.Color)	4294956223 (0xFFFFD4BF)
YUV	222.4630, -15.5113, 28.5349
Hunter-Lab	84.9168, 7.3421, 18.0388

# Details

The XYZ color **74.1875, 72.1086, 59.2985** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9578, 77.1396, 105.8627**, and the grayscale version is **69.8504, 73.4880, 80.0284**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **39.6704, 37.8192, 29.2537** is the 20% darker color. If you saturate the color by 10%, you get **67.5646, 62.9694, 44.4305**, and if you desaturate by 10%, it is **81.7569, 82.3584, 76.8940**.

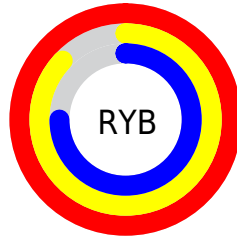
# Distribution



Red (100%)

Green (83%)

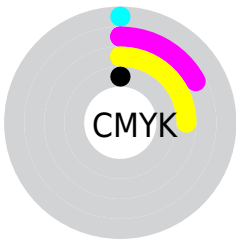
Blue (75%)



Red (100%)

Yellow (87%)

Blue (75%)

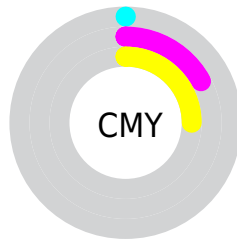


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1875, 72.1086, 59.2985 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 74.1875, 72.1086, 59.2985 by changing the saturation by 10% instead.





 74.1875, 72.1086,  
59.2985

 74.1875, 72.1086,  
59.2985

464.1606,  
467.9195, 439.7399

 55.2393, 53.2474,  
42.4319


 124.1556,  
122.2109, 105.3448

 39.8280, 38.0003,  
29.1115


155.9063,  
154.2208, 135.3615

 27.5881, 25.9829,  
18.9189


192.6552,  
191.3824, 170.5986

 18.1542, 16.8109,  
11.4355

234.7677,  
234.0801, 211.4747

 11.1611, 10.0997,  
6.2427

282.6092,  
282.6982, 258.4084

 6.2434, 5.4651,  
2.9220

336.5449,

 3.0357, 2.5227,

337.6213, 311.8181

1.0550

396.9402,  
399.2336, 372.1224

■ 1.1727, 0.8880,  
0.0000

■ 0.0846, 0.0000,  
0.0000

■ 74.1875, 72.1086,  
59.2985

■ 74.1875, 72.1086,  
59.2985

■ 67.5646, 62.9694,  
44.4305

■ 81.7569, 82.3584,  
76.8940

■ 61.8434, 54.8929,  
32.1475

■ 90.3046, 93.7455,  
97.3409

■ 56.9834, 47.8414,  
22.3007

95.0500, 100.0000,  
108.9000

■ 52.9384, 41.7717,  
14.7242

■ 49.6573, 36.6366,  
9.2308

■ 47.0822, 32.3846,  
5.6032

■ 45.1445, 28.9579,  
3.5742

■ 44.3865, 27.5530,  
2.9788

# Harmonies

## Analogous

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



77.3259, 72.1086, 68.6198



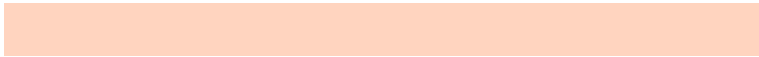
74.1875, 72.1086, 59.2985



69.6346, 72.1086, 55.2004

# Triad

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



74.1875, 72.1086, 59.2985



59.8221, 72.1086, 75.4287



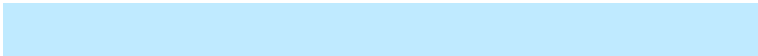
72.2118, 72.1086, 105.2434

# Complementary

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



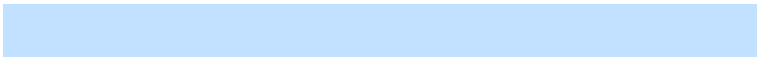
74.1875, 72.1086, 59.2985



68.9578, 77.1396, 105.8627

# 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.



67.4511, 72.1086, 107.6112



74.1875, 72.1086, 59.2985



60.4407, 72.1086, 89.3163

# Square

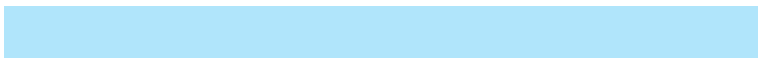
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1875, 72.1086, 59.2985



61.4503, 72.1086, 63.7876



63.1811, 72.1086, 101.4879



76.1488, 72.1086, 95.3486



# Rectangle

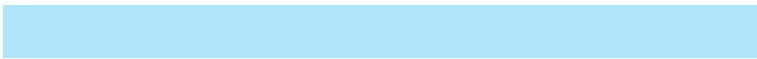
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1875, 72.1086, 59.2985



66.4673, 72.1086, 55.6003



63.1811, 72.1086, 101.4879



70.6493, 72.1086, 106.9898

# Sweetspot

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



74.1892, 72.1118, 59.3000



87.7205, 90.3207, 91.1049



74.8281, 64.5051, 86.9027



18.4962, 18.9607, 18.8293



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.



74.1892, 72.1118, 59.3000



70.8259, 67.4940, 51.6779



82.7747, 89.2828, 62.1618



18.4962, 18.9607, 18.8293



23.3136, 14.6383, 1.5967

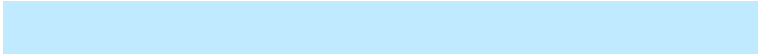


2.3649, 1.6151, 0.1871

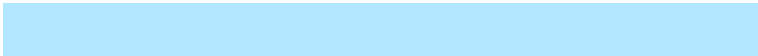


# Inverse Universe

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



68.9578, 77.1396, 105.8627



64.7919, 73.2779, 105.3369



60.8296, 60.8833, 103.1533



18.0230, 19.4176, 23.0480



17.2135, 19.3366, 52.2597

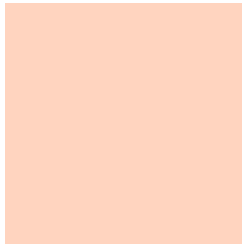


1.7759, 2.0825, 5.1216



# Previews

## White Background



This preview shows how the XYZ color 74.1875, 72.1086, 59.2985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

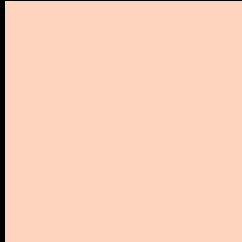
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.1875, 72.1086, 59.2985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

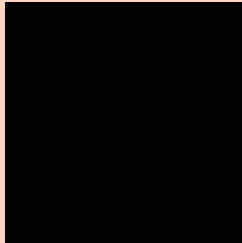
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.1875, 72.1086, 59.2985**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.1875, 72.1086, 59.2985.



This preview shows how white text looks on a background with the XYZ color 74.1875, 72.1086,

59.2985.

# 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

74.1875, 72.1086, 59.2985

### Protanopia

68.3985, 72.1155, 61.9444

### Deuteranopia

73.7062, 72.2327, 59.3478



## Tritanopia

77.3597, 72.1886, 79.6685

# Trichromacy



## Original Color

74.1875, 72.1086, 59.2985

## Protanomaly

70.4856, 72.0460, 61.2302

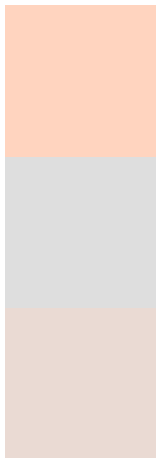
## Deuteranomaly

74.0713, 72.4209, 59.3649

## Tritanomaly

76.0445, 72.0563, 71.5283

# Monochromacy



## Original Color

74.1875, 72.1086, 59.2985

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

70.7610, 72.3384, 71.8612

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.1875, 72.1086, 59.2985 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 191) }
```

## Border

The CSS property to change the border of an element to XYZ 74.1875, 72.1086, 59.2985 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, 191) }
```



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

```
.border{ border-color:rgb(255, 212, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
191) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.1875, 72.1086, 59.2985 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
212, 191) }
```

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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