

Converting Colors

XYZ(74.2583, 69.8576, 66.6985)

Have a look what the booklet for
XYZ(74.2583, 69.8576, 66.6985)
contains.

XYZ(74.2104, 69.7622, 66.6809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2104, 69.7622,
66.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCECC
RGB	255, 206, 204
RGB Percent	100%, 81%, 80%
CMY	0.0000, 0.1921, 0.2000
CMYK	0.00, 0.19, 0.20, 0.00
HSL	2°, 100%, 90%
HSV	2°, 20%, 100%
XYZ	74.2104, 69.7622, 66.6809
YIQ	220.4230, 29.8460, 9.7660

Conversions

Conversions Part 2

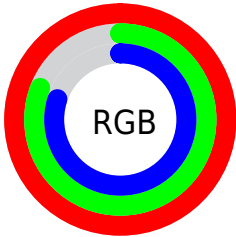
Format	Color
R _Y B	255, 206, 204
Decimal	16764620
CIE _{Lab}	86.88, 16.96, 7.54
CIE _{LCh}	87, 18.562, 23.961
Y _{xy}	69.7622, 0.3523, 0.3312
Android (android.graphics.Color)	4294954700 (0xFFFFCECC)
YUV	220.4230, -8.0965, 30.3240
Hunter-Lab	83.5238, 12.4297, 11.1327

Details

The XYZ color **74.2104, 69.7622, 66.6809** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0761, 90.3053, 107.9234**, and the grayscale version is **68.3646, 71.9249, 78.3262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0220, 36.6642, 33.8217** is the 20% darker color. If you saturate the color by 10%, you get **65.9538, 57.7494, 50.0546**, and if you desaturate by 10%, it is **83.8902, 83.8196, 86.2537**.

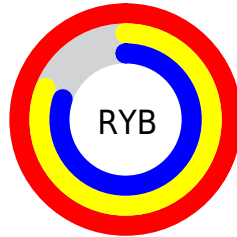
Distribution



Red (100%)

Green (81%)

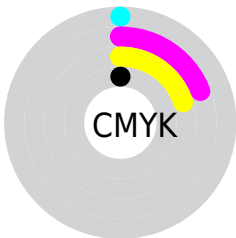
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

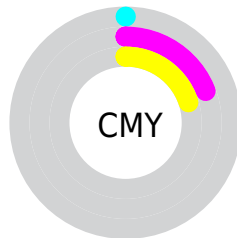


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2104, 69.7622, 66.6809 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 74.2104, 69.7622, 66.6809 by changing the saturation by 10% instead.


 74.2104, 69.7622,
66.6809

 74.2104, 69.7622,
66.6809


464.2383,
459.7146, 467.2786

 55.2582, 51.3327,
48.3654


124.1879,
118.8696, 116.0994

 39.8431, 36.4734,
33.7543


155.9439,
150.3162, 148.0394

 27.5999, 24.8001,
22.4291


192.6985,
186.8707, 185.3580

 18.1632, 15.9282,
13.9712

234.8171,
228.9175, 228.4737

 11.1676, 9.4733,
7.9621

282.6650,
276.8408, 277.8051

 6.2478, 5.0512,
3.9833

336.6076,

 3.0384, 2.2773,

331.0252, 333.7707

1.6162

397.0103,
391.8550, 396.7890

■ 1.1741, 0.7617,
0.3023

■ 0.0858, 0.0000,
0.0000

■ 74.2104, 69.7622,
66.6809

■ 74.2104, 69.7622,
66.6809

■ 65.9538, 57.7494,
50.0546

■ 83.8902, 83.8196,
86.2537

■ 59.0487, 47.6775,
36.2281

95.0500, 100.0000,
108.9000

■ 53.4245, 39.4474,
25.0488

■ 49.0025, 32.9477,
16.3476

■ 45.6950, 28.0548,
9.9360

■ 43.4026, 24.6290,
5.5984

■ 42.0080, 22.5065,
3.0784

■ 41.3488, 21.4776,
1.9663

■ 41.3488, 21.4776,
1.9663

Harmonies

Analogous

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



74.9364, 69.7622, 78.4958



74.2104, 69.7622, 66.6809



71.3272, 69.7622, 58.2627

Triad

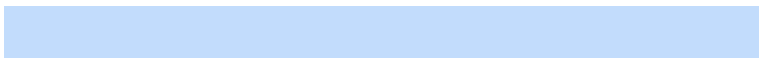
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2104, 69.7622, 66.6809



59.7994, 69.7622, 62.7757



65.4347, 69.7622, 102.2260

Complementary

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



74.2104, 69.7622, 66.6809



78.0761, 90.3053, 107.9234

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.



61.5278, 69.7622, 96.9188



74.2104, 69.7622, 66.6809



58.3667, 69.7622, 73.4778

Square

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



74.2104, 69.7622, 66.6809



62.9827, 69.7622, 56.1856



58.9854, 69.7622, 86.0605



69.7460, 69.7622, 99.9003

Rectangle

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



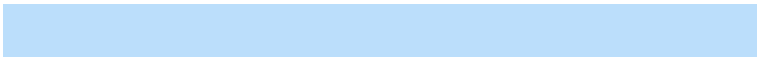
74.2104, 69.7622, 66.6809



68.6341, 69.7622, 55.2691



58.9854, 69.7622, 86.0605



64.0328, 69.7622, 101.2588

Sweetspot

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



74.2120, 69.7652, 66.6823



88.1725, 90.0312, 94.9352



80.6107, 71.5574, 102.7426



18.7194, 19.0482, 20.0093



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.



74.2120, 69.7652, 66.6823



70.7415, 64.7187, 59.6847



80.7714, 82.8840, 68.8688



18.0666, 18.1014, 18.6860



21.6304, 11.2720, 1.0357



2.1253, 1.1360, 0.1073

Inverse Universe

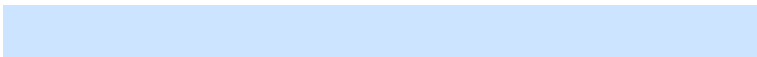
The Inverse Universe completely reimagines the original color for something new.



78.0761, 90.3053, 107.9234



75.2442, 88.6577, 107.7546



70.6409, 75.4349, 105.4450



18.4901, 20.3517, 23.2037



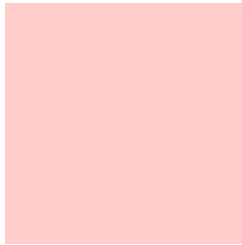
26.5165, 37.9427, 55.3607



2.6001, 3.7309, 5.3964

Previews

White Background



This preview shows how the XYZ color 74.2104, 69.7622, 66.6809 looks on a white background.

Color Contrast Check

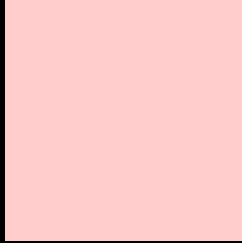
Large Text (above 18pt) WCAG AA × Fail

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 74.2104, 69.7622, 66.6809 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 74.2104, 69.7622, 66.6809

Background



This preview shows how black text looks on a background with the XYZ color 74.2104, 69.7622, 66.6809.

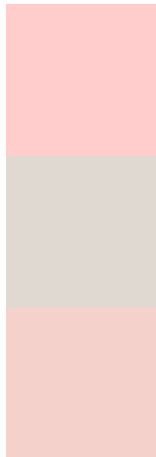


This preview shows how white text looks on a background with the XYZ color 74.2104, 69.7622,

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

74.2104, 69.7622, 66.6809

Protanopia

67.1862, 70.1261, 70.9674

Deuteranopia

71.1343, 69.6381, 66.1922



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

74.2104, 69.7622, 66.6809

Protanomaly

69.4404, 69.8047, 69.4883

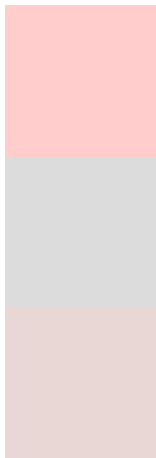
Deuteranomaly

72.2914, 69.8692, 66.1758

Tritanomaly

75.2089, 69.7777, 73.1228

Monochromacy



Original Color

74.2104, 69.7622, 66.6809

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0423, 70.7796, 73.5885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2104, 69.7622, 66.6809 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, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 204)  
}
```

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, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 204) }
```

Border

The CSS property to change the border of an element to XYZ 74.2104, 69.7622, 66.6809 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, 206, 204) }
```


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

```
.border{ border-color:rgb(255, 206, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2104, 69.7622, 66.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 204) }
```

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

```
.background{ background-color: rgb(255,  
206, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor