

Converting Colors

XYZ(74.1044, 69.3377, 67.3007)

Have a look what the booklet for
XYZ(74.1044, 69.3377, 67.3007)
contains.

XYZ(74.0908, 69.3304, 67.2347)	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(74.0908, 69.3304,
67.2347)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDDC
RGB	255, 205, 205
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.1961, 0.1961
CMYK	0.00, 0.20, 0.20, 0.00
HSL	0°, 100%, 90%
HSV	0°, 20%, 100%
XYZ	74.0908, 69.3304, 67.2347
YIQ	219.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

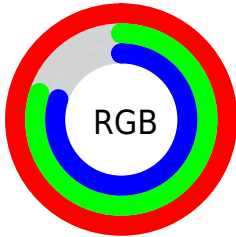
Format	Color
R _{YB}	255, 205, 205
Decimal	16764365
CIE _{Lab}	86.67, 17.63, 6.70
CIE _{LCh}	87, 18.862, 20.814
Y _{xy}	69.3304, 0.3517, 0.3291
Android (android.graphics.Color)	4294954445 (0xFFFFCDDC)
YUV	219.9500, -7.3703, 30.7389
Hunter-Lab	83.2649, 13.1194, 10.4099

Details

The XYZ color **74.0908, 69.3304, 67.2347** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9858, 91.7164, 108.1478**, and the grayscale version is **68.0293, 71.5721, 77.9420**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9412, 36.3733, 34.1938** is the 20% darker color. If you saturate the color by 10%, you get **65.6497, 56.9794, 50.4522**, and if you desaturate by 10%, it is **84.0307, 83.8758, 86.9934**.

Distribution



Red (100%)

Green (80%)

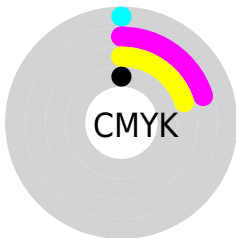
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

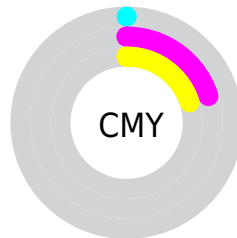


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0908, 69.3304, 67.2347 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 74.0908, 69.3304, 67.2347 by changing the saturation by 10% instead.

 74.0908, 69.3304,
67.2347

 74.0908, 69.3304,
67.2347


463.8322,
458.1954, 469.3040

 55.1599, 50.9808,
48.8126


124.0193,
118.2534, 116.9005

 39.7641, 36.1934,
34.1063


155.7477,
149.5955, 148.9812

 27.5381, 24.5836,
22.6972


192.4725,
186.0374, 186.4520

 18.1164, 15.7671,
14.1669

234.5593,
227.9633, 229.7312

 11.1338, 9.3595,
8.0968

282.3732,
275.7577, 279.2375

 6.2249, 4.9764,
4.0683

336.2798,

 3.0242, 2.2334,

329.8049, 335.3893

1.6629

396.6443,
390.4893, 398.6053

■ 1.1666, 0.7381,
0.3351

■ 0.0797, 0.0000,
0.0000

■ 74.0908, 69.3304,
67.2347

■ 74.0908, 69.3304,
67.2347

■ 65.6497, 56.9794,
50.4522

■ 84.0307, 83.8758,
86.9934

■ 58.6302, 46.7079,
36.4979

95.0500, 100.0000,
108.9000

■ 52.9557, 38.4043,
25.2173

■ 48.5400, 31.9429,
16.4396

■ 45.2876, 27.1835,
9.9744

■ 43.0888, 23.9657,
5.6038

■ 41.8132, 22.0990,
3.0687

■ 41.2566, 21.2844,
1.9626

■ 41.2403, 21.2605,
1.9301

Harmonies

Analogous

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



74.5696, 69.3304, 79.4075



74.0908, 69.3304, 67.2347



71.3652, 69.3304, 58.2866

Triad

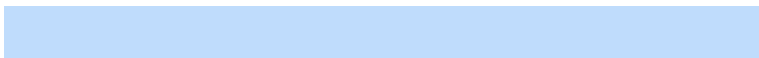
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0908, 69.3304, 67.2347



59.5787, 69.3304, 61.2448



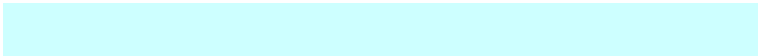
64.5604, 69.3304, 101.9055

Complementary

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



74.0908, 69.3304, 67.2347



78.9858, 91.7164, 108.1478

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.



60.7145, 69.3304, 95.7812



74.0908, 69.3304, 67.2347



57.9234, 69.3304, 71.7016

Square

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



74.0908, 69.3304, 67.2347



62.9475, 69.3304, 55.1039



58.3298, 69.3304, 84.3927



68.9361, 69.3304, 100.3677

Rectangle

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



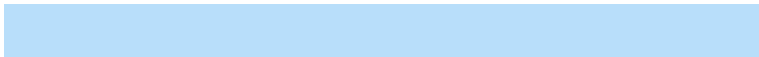
74.0908, 69.3304, 67.2347



68.7046, 69.3304, 54.9141



58.3298, 69.3304, 84.3927



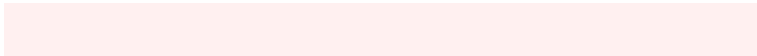
63.1659, 69.3304, 100.6515

Sweetspot

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



74.0924, 69.3334, 67.2361



87.9959, 89.6780, 94.8763



81.1217, 72.1433, 104.2572



18.6778, 18.9651, 19.9955



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.



74.0924, 69.3334, 67.2361



70.2037, 63.6432, 59.5055



80.5566, 82.2619, 69.3909



18.0096, 17.9874, 18.6670



21.5490, 11.1092, 1.0085



2.0982, 1.0818, 0.0982

Inverse Universe

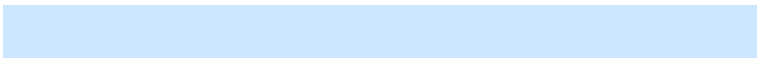
The Inverse Universe completely reimagines the original color for something new.



78.9858, 91.7164, 108.1478



76.0050, 90.1793, 108.0082



71.5243, 76.7934, 105.6606



18.5548, 20.4812, 23.2253



28.1130, 41.1356, 55.8928



2.7373, 4.0053, 5.4421

Previews

White Background



This preview shows how the XYZ color 74.0908, 69.3304, 67.2347 looks on a white background.

Color Contrast Check

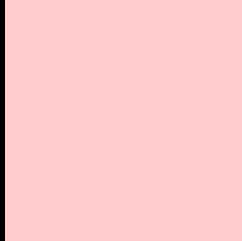
Large Text (above 18pt) WCAG AA × Fail

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 74.0908, 69.3304, 67.2347 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 74.0908, 69.3304, 67.2347

Background



This preview shows how black text looks on a background with the XYZ color 74.0908, 69.3304, 67.2347.



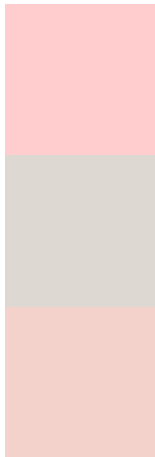
This preview shows how white text looks on a background with the XYZ color 74.0908, 69.3304,

67.2347.

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

74.0908, 69.3304, 67.2347

Protanopia

66.4379, 69.3445, 71.5112

Deuteranopia

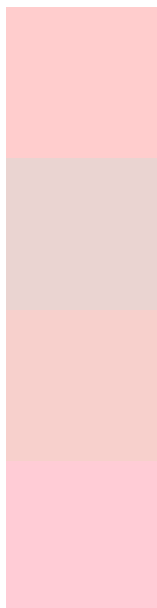
70.9078, 69.5075, 66.8058



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

74.0908, 69.3304, 67.2347

Protanomaly

68.9838, 69.1828, 70.0394

Deuteranomaly

71.8127, 69.2455, 66.7075

Tritanomaly

74.9705, 69.3008, 73.0433

Monochromacy



Original Color

74.0908, 69.3304, 67.2347

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1705, 70.8308, 74.2633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0908, 69.3304, 67.2347 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, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 205)  
}
```

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, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.0908, 69.3304, 67.2347 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, 205, 205) }
```


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

```
.border{ border-color:rgb(255, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0908, 69.3304, 67.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 205) }
```

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

```
.background{ background-color: rgb(255,  
205, 205) }
```

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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