

Converting Colors

XYZ(73.3208, 69.7749, 74.2756)

Have a look what the booklet for
XYZ(73.3208, 69.7749, 74.2756)
contains.

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Color

**XYZ(73.3083, 69.8438,
74.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D0D8
RGB	247, 208, 216
RGB Percent	97%, 82%, 85%
CMY	0.0314, 0.1843, 0.1529
CMYK	0.00, 0.16, 0.13, 0.03
HSL	348°, 71%, 89%
HSV	348°, 16%, 97%
XYZ	73.3083, 69.8438, 74.5832
YIQ	220.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

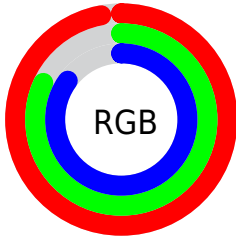
Format	Color
R _Y B	247, 208, 216
Decimal	16240856
CIE Lab	86.92, 14.92, 1.15
CIE LCh	87, 14.960, 4.396
Yxy	69.8438, 0.3367, 0.3208
Android (android.graphics.Color)	4294430936 (0xFFFF7D0D8)
YUV	220.5730, -2.2545, 23.1765
Hunter-Lab	83.5726, 10.3248, 5.5883

Details

The XYZ color **73.3083, 69.8438, 74.5832** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8559, 86.1651, 94.3517**, and the grayscale version is **68.4348, 71.9987, 78.4066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2238, 36.6316, 38.7215** is the 20% darker color. If you saturate the color by 10%, you get **65.3602, 57.7698, 60.1490**, and if you desaturate by 10%, it is **82.5015, 83.9209, 90.9307**.

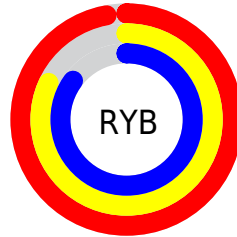
Distribution



Red (97%)

Green (82%)

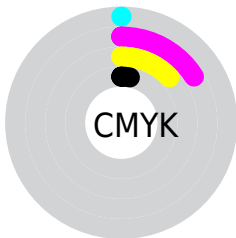
Blue (85%)



Red (97%)

Yellow (82%)

Blue (85%)

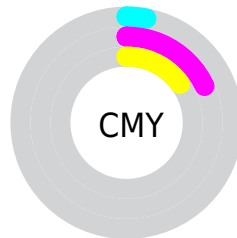


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (3%)



Cyan (3%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3083, 69.8438, 74.5832 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 73.3083, 69.8438, 74.5832 by changing the saturation by 10% instead.


 73.3083, 69.8438,
74.5832

 73.3083, 69.8438,
74.5832


461.1699,
460.0014, 495.7009

 54.5174, 51.3992,
54.7718


122.9156,
118.9860, 127.4639

 39.2478, 36.5264,
38.8217


154.4626,
150.4523, 161.3702

 27.1341, 24.8410,
26.3143


190.9924,
187.0281, 200.8120

 17.8111, 15.9587,
16.8310

232.8703,
229.0976, 246.2077

 10.9133, 9.4949,
9.9534

280.4616,
277.0453, 297.9759

 6.0754, 5.0654,
5.2629

334.1317,

 2.9321, 2.2857,

331.2556, 356.5352

2.3409

394.2461,
392.1128, 422.3040

■ 1.1180, 0.7661,
0.7540

■ 0.0401, 0.0000,
0.0000

■ 73.3083, 69.8438,
74.5832

■ 73.3083, 69.8438,
74.5832

■ 65.3602, 57.7698,
60.1490

■ 82.5015, 83.9209,
90.9307

■ 58.5975, 47.5988,
47.5532

■ 92.1681, 98.5143,
108.7651

■ 52.9640, 39.2360,
36.7225

■ 48.3970, 32.5749,
27.5767

■ 44.8273, 27.4975,
20.0295

■ 42.1772, 23.8711,
13.9864

■ 40.3572, 21.5406,
9.3427

■ 39.2583, 20.3151,
5.9784

■ 38.9478, 20.0102,
4.9007

Harmonies

Analogous

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



72.6270, 69.8438, 84.6664



73.3083, 69.8438, 74.5832



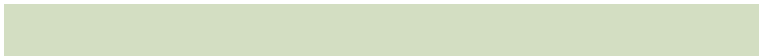
72.0817, 69.8438, 65.6918

Triad

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



73.3083, 69.8438, 74.5832



62.6623, 69.8438, 61.2555



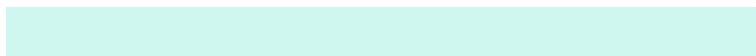
63.5243, 69.8438, 94.7454

Complementary

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



73.3083, 69.8438, 74.5832



74.8559, 86.1651, 94.3517

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.



60.9955, 69.8438, 87.4392



73.3083, 69.8438, 74.5832



60.5103, 69.8438, 68.0353

Square

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



73.3083, 69.8438, 74.5832



65.8710, 69.8438, 58.4375



59.9109, 69.8438, 77.5319



66.9006, 69.8438, 96.8826

Rectangle

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



73.3083, 69.8438, 74.5832



70.3716, 69.8438, 61.4571



59.9109, 69.8438, 77.5319



62.5508, 69.8438, 92.7829

Sweetspot

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



73.3103, 69.8469, 74.5847



89.5273, 91.4975, 99.2198



74.7915, 70.1030, 97.5857



19.0024, 19.3382, 20.9551



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.



73.3103, 69.8469, 74.5847



75.9013, 70.6509, 74.9310



75.0897, 75.0202, 70.2011



16.6381, 16.5381, 17.8407



20.6387, 10.5989, 2.8060



1.8495, 0.9458, 0.4337

Inverse Universe

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



73.3103, 69.8469, 74.5847



75.9013, 70.6509, 74.9310



72.7845, 80.0897, 99.6191



16.6381, 16.5381, 17.8407



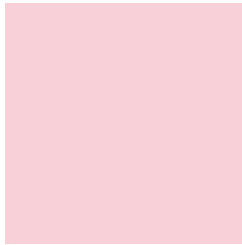
20.6387, 10.5989, 2.8060



1.8495, 0.9458, 0.4337

Previews

White Background



This preview shows how the XYZ color 73.3083, 69.8438, 74.5832 looks on a white background.

Color Contrast Check

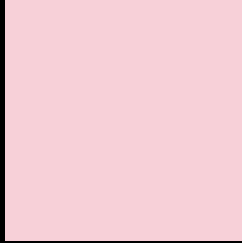
Large Text (above 18pt) WCAG AA × Fail

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 73.3083, 69.8438, 74.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

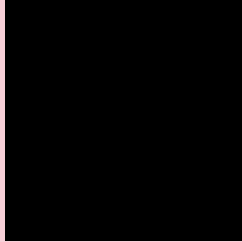
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3083, 69.8438, 74.5832

Background



This preview shows how black text looks on a background with the XYZ color 73.3083, 69.8438, 74.5832.



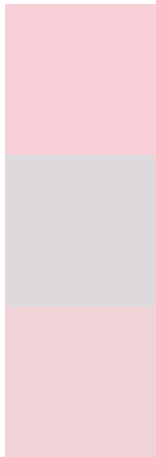
This preview shows how white text looks on a background with the XYZ color 73.3083, 69.8438,

74.5832.

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

73.3083, 69.8438, 74.5832

Protanopia

67.6828, 70.2183, 78.3928

Deuteranopia

71.4952, 70.0201, 74.0370



Tritanopia

74.3435, 69.9098, 79.3877

Trichromacy



Original Color

73.3083, 69.8438, 74.5832

Protanomaly

69.4659, 70.0306, 76.8738

Deuteranomaly

72.2745, 70.0542, 74.0025

Tritanomaly

73.9425, 69.7494, 77.2759

Monochromacy



Original Color

73.3083, 69.8438, 74.5832

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9752, 71.0492, 77.0436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3083, 69.8438, 74.5832 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(247, 208, 216) looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 216)  
}
```

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(247, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 216) }
```

Border

The CSS property to change the border of an element to XYZ 73.3083, 69.8438, 74.5832 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(247, 208, 216) }
```


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

```
.border{ border-color:rgb(247, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3083, 69.8438, 74.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 216) }
```

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

```
.background{ background-color: rgb(247,  
208, 216) }
```

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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