

Converting Colors

XYZ(73.7201, 69.8076, 68.5860)

Have a look what the booklet for
XYZ(73.7201, 69.8076, 68.5860)
contains.

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Color

**XYZ(73.7202, 69.8261,
68.6238)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FCCFCF |
| RGB | 252, 207, 207 |
| RGB Percent | 99%, 81%, 81% |
| CMY | 0.0118, 0.1882, 0.1882 |
| CMYK | 0.00, 0.18, 0.18, 0.01 |
| HSL | 0°, 88%, 90% |
| HSV | 0°, 18%, 99% |
| XYZ | 73.7202, 69.8261, 68.6238 |
| YIQ | 220.4550, 26.8200, 9.5400 |

Conversions

Conversions Part 2

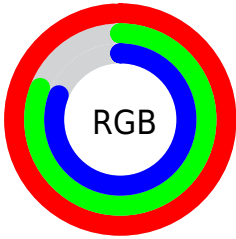
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 252, 207, 207 |
| Decimal | 16568271 |
| CIE _{Lab} | 86.91, 15.81, 5.96 |
| CIE _{LCh} | 87, 16.896, 20.649 |
| Yxy | 69.8261, 0.3475, 0.3291 |
| Android (android.graphics.Color) | 4294758351 (0xFFFCFCF) |
| YUV | 220.4550, -6.6333, 27.6650 |
| Hunter-Lab | 83.5620, 11.2430, 9.8026 |

Details

The XYZ color **73.7202, 69.8261, 68.6238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1125, 89.9123, 105.3339**, and the grayscale version is **68.3788, 71.9398, 78.3425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6467, 36.6845, 35.1282** is the 20% darker color. If you saturate the color by 10%, you get **65.2569, 57.4423, 51.7965**, and if you desaturate by 10%, it is **83.6533, 84.3612, 88.3685**.

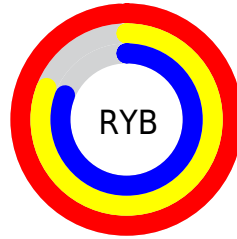
Distribution



Red (99%)

Green (81%)

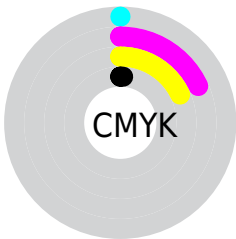
Blue (81%)



Red (99%)

Yellow (81%)

Blue (81%)

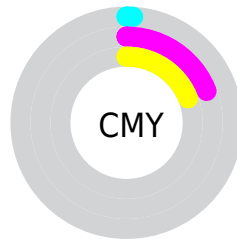


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7202, 69.8261, 68.6238 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 73.7202, 69.8261, 68.6238 by changing the saturation by 10% instead.


 73.7202, 69.8261,
68.6238

 73.7202, 69.8261,
68.6238


462.5724,
459.9392, 474.3610

 54.8555, 51.3848,
49.9355


123.4967,
118.9607, 118.9067

 39.5195, 36.5149,
34.9914


155.1393,
150.4228, 151.3385

 27.3466, 24.8321,
23.3727


191.7719,
186.9940, 189.1885

 17.9716, 15.9520,
14.6611

233.7598,
229.0585, 232.8752

 11.0292, 9.4902,
8.4379

281.4685,
277.0010, 282.8173

 6.1539, 5.0623,
4.2846

335.2632,

 2.9804, 2.2839,

331.2056, 339.4333

1.7828

395.5094,
392.0569, 403.1417

■ 1.1434, 0.7651,
0.4165

■ 0.0610, 0.0000,
0.0000

■ 73.7202, 69.8261,
68.6238

■ 73.7202, 69.8261,
68.6238

■ 65.2569, 57.4423,
51.7965

■ 83.6533, 84.3612,
88.3685

■ 58.1882, 47.0989,
37.7443

■ 93.9551, 99.4356,
108.8488

■ 52.4411, 38.6891,
26.3194

■ 47.9335, 32.0931,
17.3588

■ 44.5742, 27.1773,
10.6812

■ 42.2596, 23.7902,
6.0806

■ 40.8675, 21.7529,
3.3137

■ 40.2336, 20.8252,
2.0542

■ 40.1454, 20.6961,
1.8789

Harmonies

Analogous

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



74.1354, 69.8261, 79.6126



73.7202, 69.8261, 68.6238



71.2934, 69.8261, 60.4399

Triad

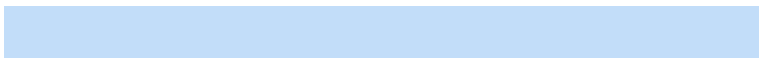
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7202, 69.8261, 68.6238



60.6742, 69.8261, 63.0719



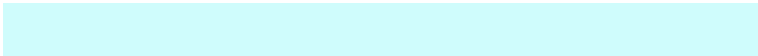
65.1430, 69.8261, 99.5364

Complementary

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



73.7202, 69.8261, 68.6238



78.1125, 89.9123, 105.3339

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.



61.6741, 69.8261, 94.0911



73.7202, 69.8261, 68.6238



59.1623, 69.8261, 72.5541

Square

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



73.7202, 69.8261, 68.6238



63.7290, 69.8261, 57.4618



59.5209, 69.8261, 83.9481



69.0781, 69.8261, 98.2178

Rectangle

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



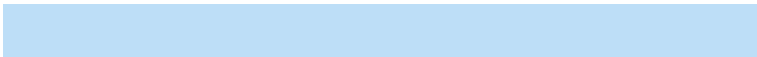
73.7202, 69.8261, 68.6238



68.9124, 69.8261, 57.3222



59.5209, 69.8261, 83.9481



63.8863, 69.8261, 98.4176

Sweetspot

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



73.7221, 69.8293, 68.6253



89.1316, 91.3398, 97.1340



80.0291, 72.3503, 101.8431



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

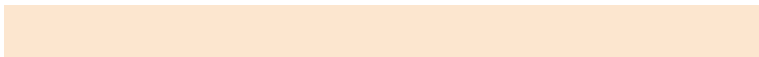
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7221, 69.8293, 68.6253



72.8286, 67.4842, 64.7236



79.5660, 81.5170, 70.5732



17.2448, 17.2255, 17.8784



20.9121, 10.7809, 0.9787



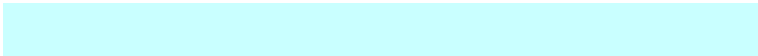
1.9369, 0.9986, 0.0907

Inverse Universe

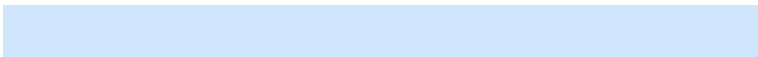
The Inverse Universe completely reimagines the original color for something new.



78.1125, 89.9123, 105.3339



78.0168, 91.2165, 108.1024



71.4615, 76.6103, 103.1169



17.7657, 19.6083, 22.2337



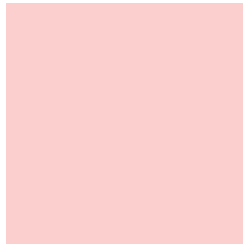
27.2817, 39.9190, 54.2408



2.5268, 3.6973, 5.0236

Previews

White Background



This preview shows how the XYZ color 73.7202, 69.8261, 68.6238 looks on a white background.

Color Contrast Check

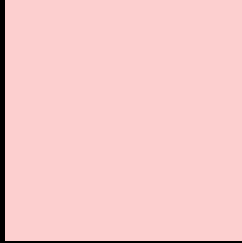
Large Text (above 18pt) WCAG AA × Fail

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 73.7202, 69.8261, 68.6238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

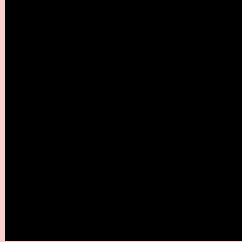
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7202, 69.8261, 68.6238

Background



This preview shows how black text looks on a background with the XYZ color 73.7202, 69.8261, 68.6238.

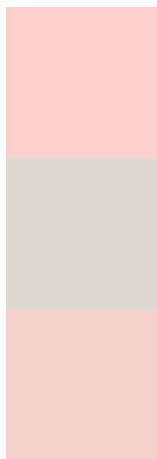


This preview shows how white text looks on a background with the XYZ color 73.7202, 69.8261,

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

73.7202, 69.8261, 68.6238

Protanopia

67.1279, 70.0671, 72.2736

Deuteranopia

71.1493, 69.6041, 68.0775



Tritanopia

75.7555, 69.9539, 77.9163

Trichromacy



Original Color

73.7202, 69.8261, 68.6238

Protanomaly

69.3588, 69.7341, 70.7772

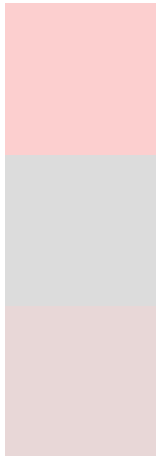
Deuteranomaly

71.9471, 69.6500, 68.0443

Tritanomaly

74.9740, 69.9831, 74.5223

Monochromacy



Original Color

73.7202, 69.8261, 68.6238

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.8449, 70.6630, 74.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7202, 69.8261, 68.6238 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(252, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 207)  
}
```

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(252, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.7202, 69.8261, 68.6238 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(252, 207, 207) }
```


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

```
.border{ border-color:rgb(252, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(252, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7202, 69.8261, 68.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 207) }
```

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

```
.background{ background-color: rgb(252,  
207, 207) }
```

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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