

Converting Colors

XYZ(83.1919, 72.7870, 68.6868)

Have a look what the booklet for
XYZ(83.1919, 72.7870, 68.6868)
contains.

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Color

**XYZ(73.6230, 68.0061,
68.2776)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCACF |
| RGB | 255, 202, 207 |
| RGB Percent | 100%, 79%, 81% |
| CMY | 0.0000, 0.2078, 0.1882 |
| CMYK | 0.00, 0.21, 0.19, 0.00 |
| HSL | 354°, 100%, 90% |
| HSV | 354°, 21%, 100% |
| XYZ | 73.6230, 68.0061, 68.2776 |
| YIQ | 218.4170, 29.9830, 12.7910 |

Conversions

Conversions Part 2

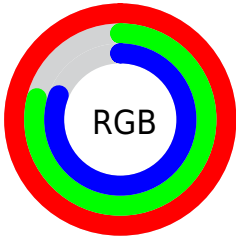
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 202, 207 |
| Decimal | 16763599 |
| CIE Lab | 86.01, 19.50, 4.69 |
| CIE LCh | 86, 20.053, 13.531 |
| Yxy | 68.0061, 0.3507, 0.3240 |
| Android (android.graphics.Color) | 4294953679 (0xFFFFCACF) |
| YUV | 218.4170, -5.6286, 32.0833 |
| Hunter-Lab | 82.4658, 15.0443, 8.6369 |

Details

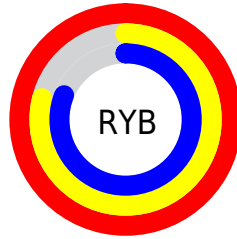
The XYZ color **73.6230, 68.0061, 68.2776** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3749, 90.9799, 103.9293**, and the grayscale version is **66.9530, 70.4398, 76.7089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6284, 35.4855, 34.8977** is the 20% darker color. If you saturate the color by 10%, you get **65.5066, 55.9663, 52.6452**, and if you desaturate by 10%, it is **83.1445, 82.1942, 86.4178**.

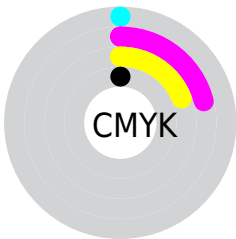
Distribution



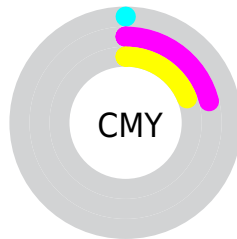
- Red (100%)
- Green (79%)
- Blue (81%)



- Red (100%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6230, 68.0061, 68.2776 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 73.6230, 68.0061, 68.2776 by changing the saturation by 10% instead.


 73.6230, 68.0061,
68.2776

 73.6230, 68.0061,
68.2776


462.2416,
453.5176, 473.1037

 54.7757, 49.9027,
49.6555


123.3596,
116.3609, 118.4071

 39.4553, 35.3361,
34.7705


154.9797,
147.3810, 150.7517

 27.2964, 23.9219,
23.2040


191.5880,
183.4756, 188.5075

 17.9337, 15.2757,
14.5375

233.5500,
225.0289, 232.0930

 11.0018, 9.0131,
8.3524

281.2310,
272.4253, 281.9269

 6.1354, 4.7497,
4.2303

334.9964,

 2.9690, 2.1012,

326.0493, 338.4276

1.7525

395.2115,
386.2853, 402.0137

■ 1.1374, 0.6653,
0.3964

■ 0.0561, 0.0000,
0.0000

■ 73.6230, 68.0061,
68.2776

■ 73.6230, 68.0061,
68.2776

■ 65.5066, 55.9663,
52.6452

■ 83.1445, 82.1942,
86.4178

■ 58.7238, 45.9617,
39.4062

■ 94.1279, 98.6188,
107.1651

■ 53.2045, 37.8824,
28.4435

■ 95.0500, 100.0000,
108.9000

■ 48.8702, 31.6045,
19.6285

■ 45.6335, 26.9898,
12.8198

■ 43.3949, 23.8797,
7.8588

■ 42.0365, 22.0851,
4.5630

■ 41.4052, 21.3261,
2.8001

Harmonies

Analogous

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



73.4951, 68.0061, 81.4620



73.6230, 68.0061, 68.2776



71.2639, 68.0061, 57.9364

Triad

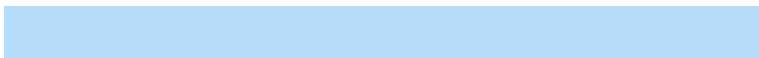
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6230, 68.0061, 68.2776



58.7359, 68.0061, 57.1604



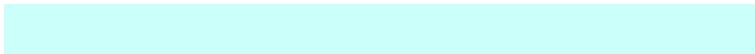
62.1629, 68.0061, 101.0886

Complementary

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



73.6230, 68.0061, 68.2776



77.3749, 90.9799, 103.9293

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.



58.4357, 68.0061, 92.8976



73.6230, 68.0061, 68.2776



56.5223, 68.0061, 67.0964

Square

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



73.6230, 68.0061, 68.2776



62.5905, 68.0061, 52.0510



56.4150, 68.0061, 80.1328



66.7292, 68.0061, 101.5027

Rectangle

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



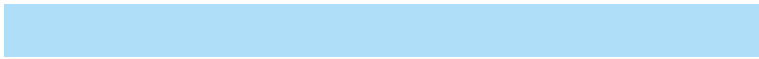
73.6230, 68.0061, 68.2776



68.6602, 68.0061, 53.6094



56.4150, 68.0061, 80.1328



60.7756, 68.0061, 99.1131

Sweetspot

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



73.6247, 68.0091, 68.2790



88.2103, 89.7631, 96.0073



78.4892, 69.7328, 103.9307



18.7282, 18.9852, 20.2615



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

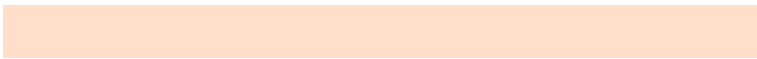
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6247, 68.0091, 68.2790



70.0331, 62.6738, 61.3851



78.3436, 78.4089, 66.8863



18.0789, 18.0149, 19.0327



21.6582, 11.1526, 1.5846



2.1311, 1.0948, 0.2715

Inverse Universe

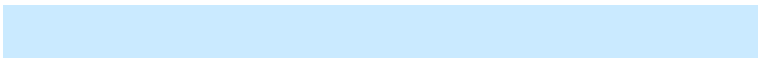
The Inverse Universe completely reimagines the original color for something new.



73.6247, 68.0091, 68.2790



70.0331, 62.6738, 61.3851



71.7755, 78.5107, 105.9789



18.0789, 18.0149, 19.0327



21.6582, 11.1526, 1.5846



2.1311, 1.0948, 0.2715

Previews

White Background



This preview shows how the XYZ color 73.6230, 68.0061, 68.2776 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 73.6230, 68.0061, 68.2776 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 73.6230, 68.0061, 68.2776

Background



This preview shows how black text looks on a background with the XYZ color 73.6230, 68.0061, 68.2776.



This preview shows how white text looks on a background with the XYZ color 73.6230, 68.0061,

68.2776.

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

73.6230, 68.0061, 68.2776

Protanopia

65.3976, 68.0082, 73.2984

Deuteranopia

69.6316, 68.0932, 67.8658



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

73.6230, 68.0061, 68.2776

Protanomaly

68.0832, 67.9521, 71.1557

Deuteranomaly

70.8681, 68.0113, 67.7849

Tritanomaly

74.1369, 67.8374, 72.1373

Monochromacy



Original Color

73.6230, 68.0061, 68.2776

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6361, 68.9309, 73.3058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6230, 68.0061, 68.2776 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, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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(255, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.6230, 68.0061, 68.2776 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, 202, 207) }
```


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

```
.border{ border-color:rgb(255, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6230, 68.0061, 68.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 207) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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