

Converting Colors

XYZ(77.4324, 68.9829, 66.6266)

Have a look what the booklet for
XYZ(77.4324, 68.9829, 66.6266)
contains.

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Color

**XYZ(72.5625, 66.4665,
66.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7CC
RGB	255, 199, 204
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2196, 0.2000
CMYK	0.00, 0.22, 0.20, 0.00
HSL	355°, 100%, 89%
HSV	355°, 22%, 100%
XYZ	72.5625, 66.4665, 66.1316
YIQ	216.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

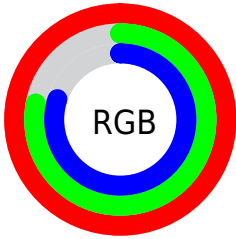
Format	Color
R_{YB}	255, 199, 204
Decimal	16762828
CIE Lab	85.23, 20.62, 5.17
CIE LCh	85, 21.262, 14.065
Yxy	66.4665, 0.3537, 0.3240
Android (android.graphics.Color)	4294952908 (0xFFFFC7CC)
YUV	216.3140, -6.0708, 33.9276
Hunter-Lab	81.5270, 16.2004, 8.9751

Details

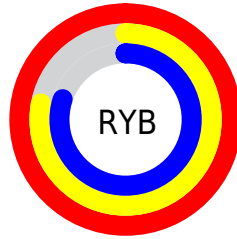
The XYZ color **72.5625, 66.4665, 66.1316** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5709, 90.5654, 103.8916**, and the grayscale version is **65.5107, 68.9223, 75.0564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6564, 34.3231, 33.4418** is the 20% darker color. If you saturate the color by 10%, you get **64.5984, 54.6687, 50.7432**, and if you desaturate by 10%, it is **81.9284, 80.4024, 84.0382**.

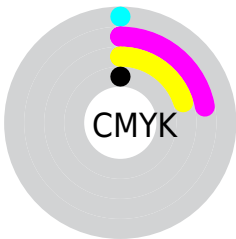
Distribution



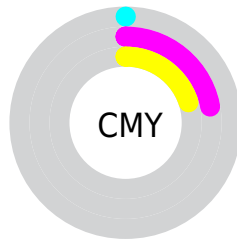
- Red (100%)
- Green (78%)
- Blue (80%)



- Red (100%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5625, 66.4665, 66.1316 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 72.5625, 66.4665, 66.1316 by changing the saturation by 10% instead.


 72.5625, 66.4665,
66.1316

 72.5625, 66.4665,
66.1316


458.6244,
448.0434, 465.2644

 53.9054, 48.6512,
47.9221


121.8624,
114.1556, 115.3040

 38.7564, 34.3429,
33.4056

153.2359,
144.7982, 147.1040

 26.7502, 23.1571,
22.1637


189.5790,
180.4854, 184.2711

 17.5213, 14.7096,
13.7778

231.2569,
221.6015, 227.2241

 10.7044, 8.6158,
7.8293

278.6350,
268.5310, 276.3814

 5.9343, 4.4914,
3.8997

332.0788,

 2.8454, 1.9521,

321.6582, 332.1615

1.5705

391.9534,
381.3675, 394.9830

■ 1.0726, 0.5794,
0.2696

■ 0.0020, 0.0000,
0.0000

■ 72.5625, 66.4665,
66.1316

■ 72.5625, 66.4665,
66.1316

■ 64.5984, 54.6687,
50.7432

■ 81.9284, 80.4024,
84.0382

■ 57.9639, 44.8950,
37.7561

■ 92.7538, 96.5656,
104.5647

■ 52.5877, 37.0341,
27.0502

95.0500, 100.0000,
108.9000

■ 48.3901, 30.9605,
18.4935

■ 45.2819, 26.5337,
11.9404

■ 43.1613, 23.5921,
7.2270

■ 41.9069, 21.9414,
4.1633

■ 41.3921, 21.3209,
2.7312

Harmonies

Analogous

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



72.4770, 66.4665, 79.8774



72.5625, 66.4665, 66.1316



70.0452, 66.4665, 55.4911

Triad

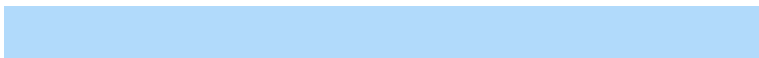
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5625, 66.4665, 66.1316



56.9670, 66.4665, 54.9815



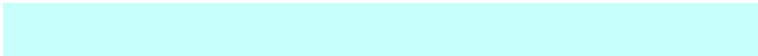
60.6728, 66.4665, 100.8977

Complementary

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



72.5625, 66.4665, 66.1316



76.5709, 90.5654, 103.8916

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.



56.7683, 66.4665, 92.3670



72.5625, 66.4665, 66.1316



54.7040, 66.4665, 65.3497

Square

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



72.5625, 66.4665, 66.1316



60.9566, 66.4665, 49.6278



54.6331, 66.4665, 78.9904



65.4454, 66.4665, 101.1767

Rectangle

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



72.5625, 66.4665, 66.1316



67.3000, 66.4665, 51.0967



54.6331, 66.4665, 78.9904



59.2210, 66.4665, 98.8559

Sweetspot

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



72.5641, 66.4694, 66.1330



87.1096, 88.1320, 93.8820



77.6848, 68.2832, 103.6933



18.5059, 18.6561, 19.8306



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

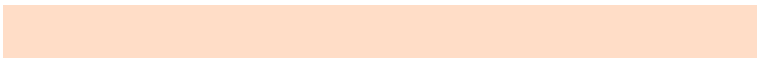
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5641, 66.4694, 66.1330



69.1799, 61.4490, 59.6162



77.5127, 77.3102, 64.8736



18.0752, 18.0134, 19.0129



21.6504, 11.1495, 1.5438



2.1293, 1.0941, 0.2623

Inverse Universe

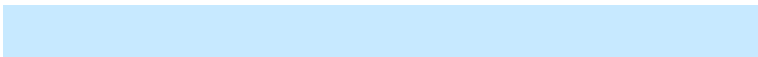
The Inverse Universe completely reimagines the original color for something new.



72.5641, 66.4694, 66.1330



69.1799, 61.4490, 59.6162



70.6314, 77.4160, 105.8279



18.0752, 18.0134, 19.0129



21.6504, 11.1495, 1.5438



2.1293, 1.0941, 0.2623

Previews

White Background



This preview shows how the XYZ color 72.5625, 66.4665, 66.1316 looks on a white background.

Color Contrast Check

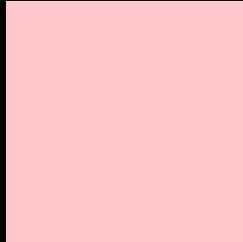
Large Text (above 18pt) WCAG AA × Fail

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 72.5625, 66.4665, 66.1316 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 72.5625, 66.4665, 66.1316

Background



This preview shows how black text looks on a background with the XYZ color 72.5625, 66.4665, 66.1316.



This preview shows how white text looks on a background with the XYZ color 72.5625, 66.4665,

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

72.5625, 66.4665, 66.1316

Protanopia

63.9166, 66.5418, 71.1031

Deuteranopia

68.1107, 66.6316, 65.7713



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

72.5625, 66.4665, 66.1316

Protanomaly

66.6530, 66.1686, 68.9333

Deuteranomaly

69.4437, 66.2568, 65.6287

Tritanomaly

73.0669, 66.3013, 69.9192

Monochromacy



Original Color

72.5625, 66.4665, 66.1316

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.5634, 67.6696, 71.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5625, 66.4665, 66.1316 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, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 204) }
```

Border

The CSS property to change the border of an element to XYZ 72.5625, 66.4665, 66.1316 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, 199, 204) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5625, 66.4665, 66.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 204) }
```

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

```
.background{ background-color: rgb(255,  
199, 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](#).

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