

Converting Colors

XYZ(72.4294, 66.0226, 66.6347)

Have a look what the booklet for
XYZ(72.4294, 66.0226, 66.6347)
contains.

XYZ(72.4535, 66.0559, 66.6890)	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(72.4535, 66.0559,
66.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6CD
RGB	255, 198, 205
RGB Percent	100%, 78%, 80%
CMY	0.0000, 0.2235, 0.1961
CMYK	0.00, 0.22, 0.20, 0.00
HSL	353°, 100%, 89%
HSV	353°, 22%, 100%
XYZ	72.4535, 66.0559, 66.6890
YIQ	215.8410, 31.7250, 14.2610

Conversions

Conversions Part 2

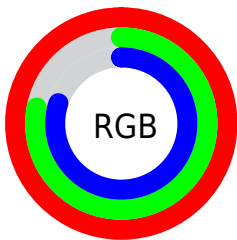
Format	Color
R _Y B	255, 198, 205
Decimal	16762573
CIE Lab	85.02, 21.30, 4.33
CIE LCh	85, 21.732, 11.499
Yxy	66.0559, 0.3531, 0.3219
Android (android.graphics.Color)	4294952653 (0xFFFFC6CD)
YUV	215.8410, -5.3446, 34.3424
Hunter-Lab	81.2748, 16.8954, 8.2427

Details

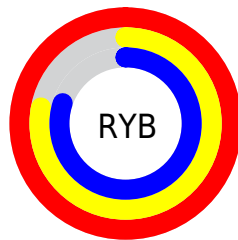
The XYZ color **72.4535, 66.0559, 66.6890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9943, 90.3042, 102.2359**, and the grayscale version is **65.1835, 68.5781, 74.6816**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5851, 34.0512, 33.8170** is the 20% darker color. If you saturate the color by 10%, you get **64.5979, 54.3616, 51.6870**, and if you desaturate by 10%, it is **81.6796, 79.8728, 84.0543**.

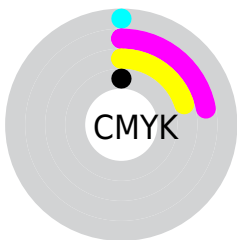
Distribution



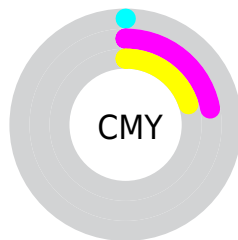
- Red (100%)
- Green (78%)
- Blue (80%)



- 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 72.4535, 66.0559, 66.6890 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 72.4535, 66.0559, 66.6890 by changing the saturation by 10% instead.


 72.4535, 66.0559,
66.6890

 72.4535, 66.0559,
66.6890


458.2517,
446.5768, 467.3083

 53.8160, 48.3178,
48.3719


121.7084,
113.5666, 116.1111

 38.6847, 34.0786,
33.7594

153.0565,
144.1079, 148.0532

 26.6941, 22.9540,
22.4330

189.3722,
179.6858, 185.3740

 17.4790, 14.5595,
13.9740

231.0208,
220.6845, 228.4921

 10.6740, 8.5109,
7.9641

278.3677,
267.4886, 277.8261

 5.9138, 4.4235,
3.9845

331.7782,

 2.8329, 1.9132,

320.4824, 333.7944

1.6169

391.6178,
380.0504, 396.8156

■ 1.0660, 0.5563,
0.3028

■ 0.0000, 0.0000,
0.0000

■ 72.4535, 66.0559,
66.6890

■ 72.4535, 66.0559,
66.6890

■ 64.5979, 54.3616,
51.6870

■ 81.6796, 79.8728,
84.0543

■ 58.0427, 44.6766,
38.9418

■ 92.3324, 95.9011,
103.8747

■ 52.7186, 36.8899,
28.3453

95.0500, 100.0000,
108.9000

■ 48.5480, 30.8767,
19.7783

■ 45.4444, 26.4969,
13.1102

■ 43.3089, 23.5894,
8.1949

■ 42.0235, 21.9599,
4.8647

■ 41.4913, 21.3605,
3.2532

Harmonies

Analogous

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



72.1271, 66.0559, 80.8089



72.4535, 66.0559, 66.6890



70.0910, 66.0559, 55.5192

Triad

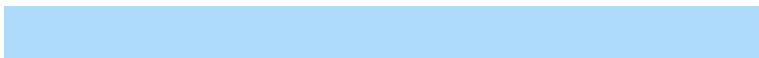
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4535, 66.0559, 66.6890



56.7592, 66.0559, 53.5860



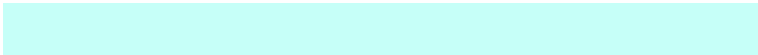
59.8483, 66.0559, 100.5937

Complementary

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



72.4535, 66.0559, 66.6890



75.9943, 90.3042, 102.2359

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.



56.0036, 66.0559, 91.2776



72.4535, 66.0559, 66.6890



54.2850, 66.0559, 63.7148

Square

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



72.4535, 66.0559, 66.6890



60.9287, 66.0559, 48.6366



54.0158, 66.0559, 77.4253



64.6769, 66.0559, 101.6616

Rectangle

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



72.4535, 66.0559, 66.6890



67.3773, 66.0559, 50.7641



54.0158, 66.0559, 77.4253



58.4047, 66.0559, 98.2716

Sweetspot

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



72.4551, 66.0588, 66.6904



87.1980, 88.1674, 94.3478



76.7448, 67.4581, 103.5836



18.5263, 18.6643, 19.9381



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

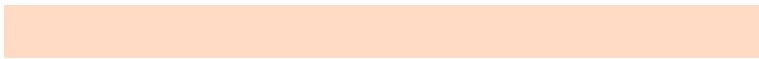
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4551, 66.0588, 66.6904



68.6357, 60.3631, 59.4270



76.7402, 75.9504, 64.0450



18.1001, 18.0233, 19.1441



21.7082, 11.1726, 1.8481



2.1410, 1.0988, 0.3239

Inverse Universe

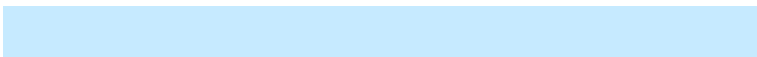
The Inverse Universe completely reimagines the original color for something new.



72.4551, 66.0588, 66.6904



68.6357, 60.3631, 59.4270



70.7922, 78.1305, 105.9573



18.1001, 18.0233, 19.1441



21.7082, 11.1726, 1.8481



2.1410, 1.0988, 0.3239

Previews

White Background



This preview shows how the XYZ color 72.4535, 66.0559, 66.6890 looks on a white background.

Color Contrast Check

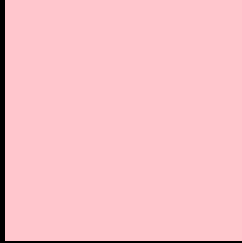
Large Text (above 18pt) WCAG AA × Fail

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 72.4535, 66.0559, 66.6890 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 72.4535, 66.0559, 66.6890

Background



This preview shows how black text looks on a background with the XYZ color 72.4535, 66.0559, 66.6890.

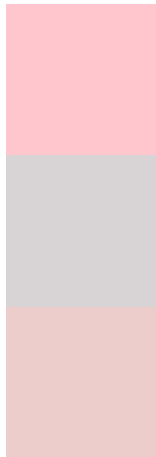


This preview shows how white text looks on a background with the XYZ color 72.4535, 66.0559,

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

72.4535, 66.0559, 66.6890

Protanopia

63.8726, 66.4900, 72.4182

Deuteranopia

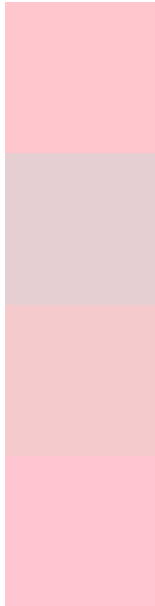
67.6555, 66.0268, 66.3054



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

72.4535, 66.0559, 66.6890

Protanomaly

66.5788, 66.1018, 70.2226

Deuteranomaly

69.3278, 65.8338, 66.1800

Tritanomaly

72.7149, 65.7960, 69.1890

Monochromacy



Original Color

72.4535, 66.0559, 66.6890

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.3173, 67.1774, 71.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4535, 66.0559, 66.6890 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, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.4535, 66.0559, 66.6890 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, 198, 205) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4535, 66.0559, 66.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 205) }
```

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

```
.background{ background-color: rgb(255,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor