

Converting Colors

XYZ(72.0270, 66.4635, 62.6606)

Have a look what the booklet for
XYZ(72.0270, 66.4635, 62.6606)
contains.

| | |
|--|----|
| XYZ(72.0873, 66.6458, 62.4906) | 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(72.0873, 66.6458,
62.4906)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC8C6 |
| RGB | 255, 200, 198 |
| RGB Percent | 100%, 78%, 78% |
| CMY | 0.0000, 0.2157, 0.2235 |
| CMYK | 0.00, 0.22, 0.22, 0.00 |
| HSL | 2°, 100%, 89% |
| HSV | 2°, 22%, 100% |
| XYZ | 72.0873, 66.6458, 62.4906 |
| YIQ | 216.2170, 33.4220, 11.0380 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 200, 198 |
| Decimal | 16763078 |
| CIE Lab | 85.32, 19.23, 8.49 |
| CIE LCh | 85, 21.024, 23.821 |
| Yxy | 66.6458, 0.3582, 0.3312 |
| Android (android.graphics.Color) | 4294953158 (0xFFFFC8C6) |
| YUV | 216.2170, -8.9810, 34.0127 |
| Hunter-Lab | 81.6369, 14.7552, 11.7611 |

Details

The XYZ color **72.0873, 66.6458, 62.4906** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4628, 89.4734, 107.8478**, and the grayscale version is **65.4630, 68.8721, 75.0017**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3389, 34.4417, 31.0128** is the 20% darker color. If you saturate the color by 10%, you get **64.1433, 55.0750, 46.5325**, and if you desaturate by 10%, it is **81.4468, 80.2543, 81.3650**.

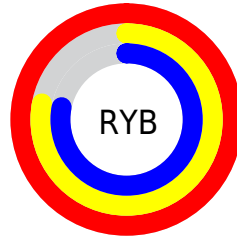
Distribution



Red (100%)

Green (78%)

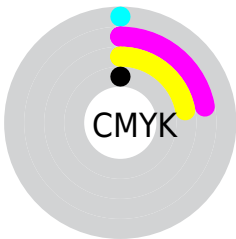
Blue (78%)



Red (100%)

Yellow (78%)

Blue (78%)

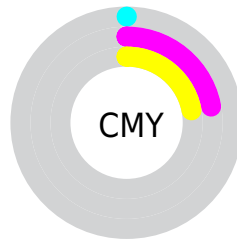


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0873, 66.6458, 62.4906 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 72.0873, 66.6458, 62.4906 by changing the saturation by 10% instead.


 72.0873, 66.6458,
62.4906

 72.0873, 66.6458,
62.4906


456.9983,
448.6829, 451.7754

 53.5157, 48.7968,
44.9909


121.1908,
114.4127, 110.0127

 38.4437, 34.4583,
31.1073


152.4534,
145.0995, 140.8722

 26.5060, 23.2459,
20.4215


188.6770,
180.8343, 177.0221

 17.3373, 14.7752,
12.5147

230.2270,
222.0016, 218.8808

 10.5720, 8.6618,
6.9684

277.4688,
268.9857, 266.8670

 5.8450, 4.5212,
3.3642

330.7677,

 2.7908, 1.9692,

322.1710, 321.3991

1.2835

390.4891,
381.9420, 382.8957

■ 1.0441, 0.5895,
0.0482

■ 0.0000, 0.0000,
0.0000

■ 72.0873, 66.6458,
62.4906

■ 72.0873, 66.6458,
62.4906

■ 64.1433, 55.0750,
46.5325

■ 81.4468, 80.2543,
81.3650

■ 57.5411, 45.4356,
33.3416

■ 92.2805, 95.9824,
103.2865

■ 52.2081, 37.6250,
22.7615

95.0500, 100.0000,
108.9000

■ 48.0630, 31.5277,
14.6189

■ 45.0146, 27.0151,
8.7196

■ 42.9591, 23.9402,
4.8395

■ 41.7720, 22.1291,
2.7085

■ 41.3374, 21.4547,
1.9625

Harmonies

Analogous

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



72.8817, 66.6458, 75.4224



72.0873, 66.6458, 62.4906



68.8997, 66.6458, 53.4065

Triad

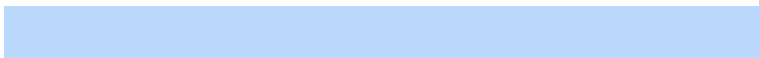
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0873, 66.6458, 62.4906



56.2441, 66.6458, 58.1733



62.3654, 66.6458, 101.8532

Complementary

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



72.0873, 66.6458, 62.4906



76.4628, 89.4734, 107.8478

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.



58.0968, 66.6458, 95.8338



72.0873, 66.6458, 62.4906



54.6784, 66.6458, 69.7826

Square

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



72.0873, 66.6458, 62.4906



59.7215, 66.6458, 51.1408



55.3394, 66.6458, 83.6699



67.1118, 66.6458, 99.2682

Rectangle

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



72.0873, 66.6458, 62.4906



65.9281, 66.6458, 50.2008



55.3394, 66.6458, 83.6699



60.8300, 66.6458, 100.7473

Sweetspot

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



72.0890, 66.6488, 62.4920



87.0579, 88.4030, 92.7108



79.1800, 68.7471, 102.1084



18.4939, 18.7186, 19.5606



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.



72.0890, 66.6488, 62.4920



68.2245, 61.0228, 54.7208



79.2870, 81.0448, 64.8913



18.0606, 18.0894, 18.6840



21.6218, 11.2548, 1.0328



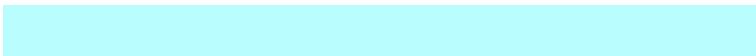
2.1225, 1.1303, 0.1063

Inverse Universe

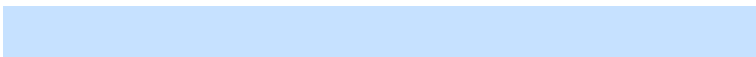
The Inverse Universe completely reimagines the original color for something new.



76.4628, 89.4734, 107.8478



73.3284, 87.6624, 107.6635



68.1565, 72.8608, 105.0790



18.4969, 20.3653, 23.2060



26.6808, 38.2712, 55.4154



2.6143, 3.7593, 5.4011

Previews

White Background



This preview shows how the XYZ color 72.0873, 66.6458, 62.4906 looks on a white background.

Color Contrast Check

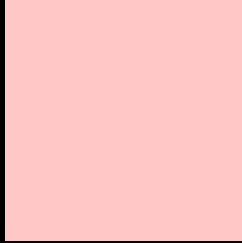
Large Text (above 18pt) WCAG AA × Fail

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 72.0873, 66.6458, 62.4906 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 72.0873, 66.6458, 62.4906

Background



This preview shows how black text looks on a background with the XYZ color 72.0873, 66.6458, 62.4906.

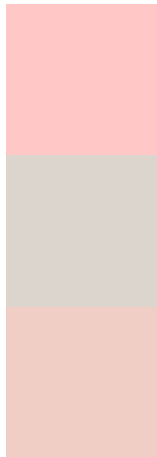


This preview shows how white text looks on a background with the XYZ color 72.0873, 66.6458,

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

72.0873, 66.6458, 62.4906

Protanopia

64.0271, 67.0563, 67.3262

Deuteranopia

68.0845, 66.6991, 62.1091



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

72.0873, 66.6458, 62.4906

Protanomaly

66.4953, 66.5318, 65.2144

Deuteranomaly

69.3271, 66.6294, 62.0302

Tritanomaly

73.0486, 66.6609, 68.6913

Monochromacy



Original Color

72.0873, 66.6458, 62.4906

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.1883, 67.5196, 69.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0873, 66.6458, 62.4906 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, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 198)  
}
```

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, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 198) }
```

Border

The CSS property to change the border of an element to XYZ 72.0873, 66.6458, 62.4906 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, 200, 198) }
```


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

```
.border{ border-color:rgb(255, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0873, 66.6458, 62.4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 198) }
```

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

```
.background{ background-color: rgb(255,  
200, 198) }
```

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