

Converting Colors

XYZ(138.8483, 102.5272,
66.0810)

Have a look what the booklet for
XYZ(138.8483, 102.5272, 66.0810)
contains.

XYZ(73.0259, 68.5229, 62.8035)	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(73.0259, 68.5229,
62.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCC6
RGB	255, 204, 198
RGB Percent	100%, 80%, 78%
CMY	0.0000, 0.2000, 0.2235
CMYK	0.00, 0.20, 0.22, 0.00
HSL	6°, 100%, 89%
HSV	6°, 22%, 100%
XYZ	73.0259, 68.5229, 62.8035
YIQ	218.5650, 32.3220, 8.9460

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 205, 198
Decimal	16764102
CIE Lab	86.27, 17.14, 9.84
CIE LCh	86, 19.764, 29.857
Yxy	68.5229, 0.3574, 0.3353
Android (android.graphics.Color)	4294954182 (0xFFFFCCC6)
YUV	218.5650, -10.1385, 31.9535
Hunter-Lab	82.7786, 12.6073, 12.9621

Details

The XYZ color **73.0259, 68.5229, 62.8035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2134, 86.9745, 107.4313**, and the grayscale version is **67.0844, 70.5780, 76.8594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9663, 35.6966, 31.2219** is the 20% darker color. If you saturate the color by 10%, you get **65.2977, 57.3839, 46.9174**, and if you desaturate by 10%, it is **82.0469, 81.4545, 81.5651**.

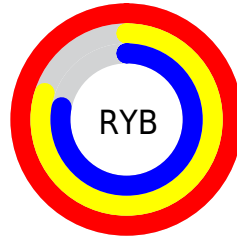
Distribution



Red (100%)

Green (80%)

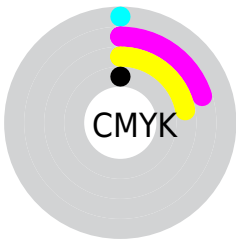
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

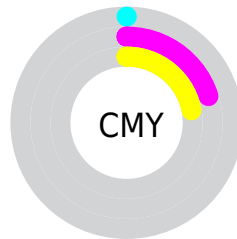


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0259, 68.5229, 62.8035 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 73.0259, 68.5229, 62.8035 by changing the saturation by 10% instead.


 73.0259, 68.5229,
62.8035

 73.0259, 68.5229,
62.8035


460.2070,
455.3465, 452.9443

 54.2856, 50.3233,
45.2423

122.5169,
117.0999, 110.4688

 39.0616, 35.6703,
31.3040


153.9983,
148.2460, 141.4100

 26.9886, 24.1797,
20.5700

190.4575,
184.4764, 177.6482

 17.7012, 15.4670,
12.6219

232.2598,
226.1755, 219.6021

 10.8341, 9.1478,
7.0410

279.7705,
273.7276, 267.6900

 6.0218, 4.8377,
3.4089

333.3550,

 2.8991, 2.1523,

327.5172, 322.3307

1.3070

393.3787,
387.9287, 383.9426

■ 1.1007, 0.6938,
0.0676

■ 0.0257, 0.0000,
0.0000

■ 73.0259, 68.5229,
62.8035

■ 73.0259, 68.5229,
62.8035

■ 65.2977, 57.3839,
46.9174

■ 82.0469, 81.4545,
81.5651

■ 58.7982, 47.9498,
33.7606

■ 92.4110, 96.2433,
103.3301

■ 53.4651, 40.1389,
23.1805

95.0500, 100.0000,
108.9000

■ 49.2288, 33.8594,
15.0076

■ 46.0123, 29.0104,
9.0522

■ 43.7282, 25.4785,
5.0959

■ 42.2742, 23.1333,
2.8759

■ 41.6288, 22.0376,
2.0596

Harmonies

Analogous

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



74.2880, 68.5229, 74.6725



73.0259, 68.5229, 62.8035



69.6279, 68.5229, 54.9484

Triad

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



73.0259, 68.5229, 62.8035



57.8431, 68.5229, 62.7068



65.1071, 68.5229, 102.6163

Complementary

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



73.0259, 68.5229, 62.8035



75.2134, 86.9745, 107.4313

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.



60.8281, 68.5229, 98.4774



73.0259, 68.5229, 62.8035



56.7555, 68.5229, 74.5472

Square

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



73.0259, 68.5229, 62.8035



60.8643, 68.5229, 54.8974



57.8229, 68.5229, 87.8101



69.5883, 68.5229, 98.5528

Rectangle

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



73.0259, 68.5229, 62.8035



66.6839, 68.5229, 52.5375



57.8229, 68.5229, 87.8101



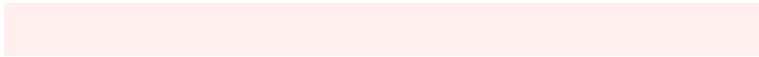
63.5983, 68.5229, 102.1322

Sweetspot

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



73.0275, 68.5259, 62.8049



87.4234, 89.1340, 92.8326



78.5802, 68.5072, 98.9498



18.5782, 18.8872, 19.5887



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

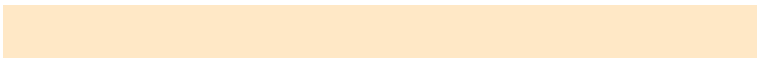
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0275, 68.5259, 62.8049



69.2781, 63.1299, 55.0720



80.3464, 83.1635, 65.2445



18.1633, 18.2948, 18.7183



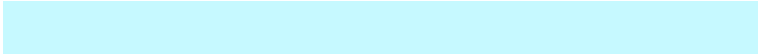
21.8016, 11.6143, 1.0927



2.1710, 1.2274, 0.1225

Inverse Universe

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



75.2134, 86.9745, 107.4313



71.8258, 84.6572, 107.1626



67.1431, 70.8338, 104.7412



18.3818, 20.1351, 23.1676



24.0138, 32.9372, 54.5264



2.3831, 3.2970, 5.3240

Previews

White Background



This preview shows how the XYZ color 73.0259, 68.5229, 62.8035 looks on a white background.

Color Contrast Check

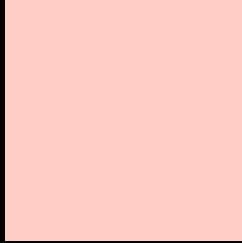
Large Text (above 18pt) WCAG AA × Fail

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 73.0259, 68.5229, 62.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

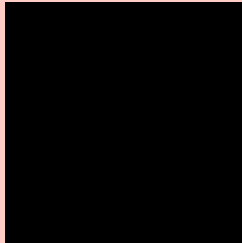
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0259, 68.5229, 62.8035

Background



This preview shows how black text looks on a background with the XYZ color 73.0259, 68.5229, 62.8035.



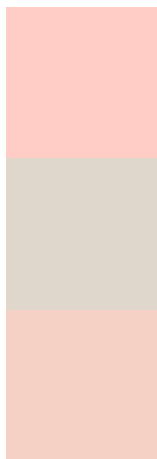
This preview shows how white text looks on a background with the XYZ color 73.0259, 68.5229,

62.8035.

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

73.0259, 68.5229, 62.8035

Protanopia

65.6309, 68.6485, 66.9181

Deuteranopia

69.9421, 68.3761, 62.3349



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

73.0259, 68.5229, 62.8035

Protanomaly

68.2159, 68.5150, 65.5065

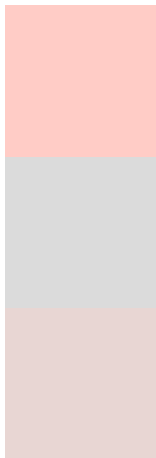
Deuteranomaly

71.1023, 68.6133, 62.3195

Tritanomaly

74.2288, 68.6250, 70.3064

Monochromacy



Original Color

73.0259, 68.5229, 62.8035

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.0832, 69.9521, 71.4890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0259, 68.5229, 62.8035 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, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.0259, 68.5229, 62.8035 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, 204, 198) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0259, 68.5229, 62.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 198) }
```

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

```
.background{ background-color: rgb(255,  
204, 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