

Converting Colors

XYZ(69.0274, 62.0661, 59.9930)

Have a look what the booklet for
XYZ(69.0274, 62.0661, 59.9930)
contains.

XYZ(68.9891, 62.0844, 59.9771)	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(68.9891, 62.0844,
59.9771)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBFC3
RGB	253, 191, 195
RGB Percent	99%, 75%, 76%
CMY	0.0078, 0.2510, 0.2353
CMYK	0.00, 0.25, 0.23, 0.01
HSL	356°, 94%, 87%
HSV	356°, 25%, 99%
XYZ	68.9891, 62.0844, 59.9771
YIQ	209.9940, 35.6680, 14.3880

Conversions

Conversions Part 2

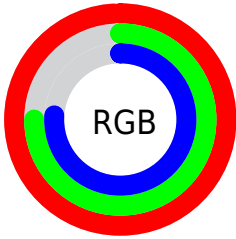
Format	Color
R _Y B	253, 191, 195
Decimal	16629699
CIE Lab	82.96, 22.80, 6.67
CIE LCh	83, 23.760, 16.303
Yxy	62.0844, 0.3611, 0.3250
Android (android.graphics.Color)	4294819779 (0xFFFD BFC3)
YUV	209.9940, -7.3920, 37.7163
Hunter-Lab	78.7937, 18.3998, 10.0245

Details

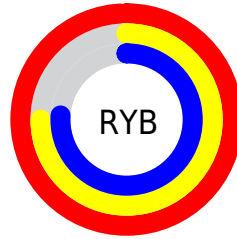
The XYZ color **68.9891, 62.0844, 59.9771** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7126, 88.1679, 102.7600**, and the grayscale version is **61.2867, 64.4783, 70.2169**.

A 20% lighter version of the original color is **92.2200, 95.3598, 104.8126**, and **36.2591, 31.4165, 29.3522** is the 20% darker color. If you saturate the color by 10%, you get **61.4734, 51.0014, 45.2983**, and if you desaturate by 10%, it is **77.8855, 75.2487, 77.2104**.

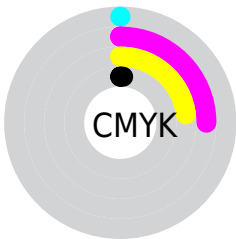
Distribution



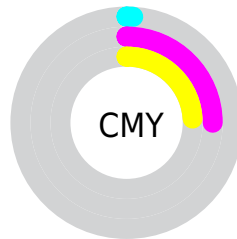
- Red (99%)
- Green (75%)
- Blue (76%)



- Red (99%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9891, 62.0844, 59.9771 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 68.9891, 62.0844, 59.9771 by changing the saturation by 10% instead.


 68.9891, 62.0844,
59.9771

 68.9891, 62.0844,
59.9771


446.3145,
432.2389, 442.3157

 50.9794, 45.1009,
42.9750

 116.8002,
107.8475, 106.3395

 36.4132, 31.5369,
29.5342

147.3323,
137.3959, 136.5369

 24.9251, 21.0080,
19.2363


182.7692,
171.9014, 171.9698

 16.1497, 13.1299,
11.6626

223.4764,
211.7483, 213.0567

 9.7217, 7.5180,
6.3946

269.8192,
257.3212, 260.2162

 5.2756, 3.7881,
3.0139


322.1629,

 2.4463, 1.5558,


309.0043, 313.8668


1.1017


380.8729,
367.1821, 374.4271


 0.8683, 0.3275,
0.0000


 0.0000, 0.0000,
0.0000


 68.9891, 62.0844,
59.9771


 68.9891, 62.0844,
59.9771

 61.4734, 51.0014,
45.2983


 77.8855, 75.2487,
77.2104

 55.2643, 41.8853,
33.0488

 88.2215, 90.5842,
97.1076

 50.2886, 34.6235,
23.0987

94.3181, 99.6227,
108.8657

 46.4639, 29.0887,
15.3044

■ 43.6975, 25.1378,
9.5061

■ 41.8827, 22.6042,
5.5217

■ 40.8896, 21.2845,
3.1360

■ 40.6039, 20.9210,
2.4003

Harmonies

Analogous

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



69.1180, 62.0844, 74.5094



68.9891, 62.0844, 59.9771



66.0874, 62.0844, 49.1672

Triad

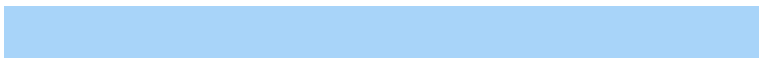
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.9891, 62.0844, 59.9771



52.1629, 62.0844, 49.9056



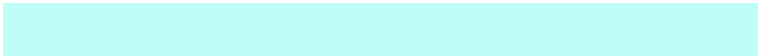
56.7051, 62.0844, 98.9180

Complementary

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



68.9891, 62.0844, 59.9771



73.7126, 88.1679, 102.7600

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.



52.4556, 62.0844, 90.1434



68.9891, 62.0844, 59.9771



49.9377, 62.0844, 61.1303

Square

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



68.9891, 62.0844, 59.9771



56.2841, 62.0844, 43.9548



50.0417, 62.0844, 75.8415



61.8212, 62.0844, 98.4900

Rectangle

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



68.9891, 62.0844, 59.9771



63.0619, 62.0844, 44.8962



50.0417, 62.0844, 75.8415



55.1343, 62.0844, 96.8979

Sweetspot

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



68.9908, 62.0873, 59.9784



87.0444, 88.1060, 93.5388



75.3815, 64.4716, 101.4000



18.4908, 18.6501, 19.7515



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.



68.9908, 62.0873, 59.9784



66.6174, 57.8654, 54.0096



74.9506, 74.7202, 59.7660



18.0568, 18.0060, 18.9165



21.6172, 11.1362, 1.3685



2.1206, 1.0906, 0.2167

Inverse Universe

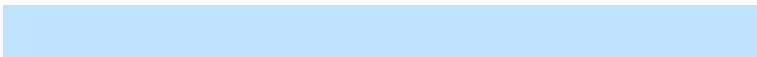
The Inverse Universe completely reimagines the original color for something new.



68.9908, 62.0873, 59.9784



66.6174, 57.8654, 54.0096



66.4506, 72.6359, 103.4466



18.0568, 18.0060, 18.9165



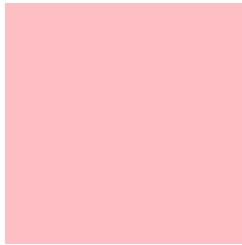
21.6172, 11.1362, 1.3685



2.1206, 1.0906, 0.2167

Previews

White Background



This preview shows how the XYZ color 68.9891, 62.0844, 59.9771 looks on a white background.

Color Contrast Check

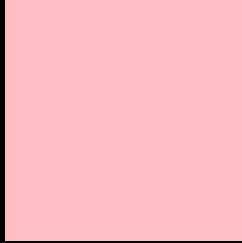
Large Text (above 18pt) WCAG AA × Fail

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 68.9891, 62.0844, 59.9771 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 68.9891, 62.0844, 59.9771

Background



This preview shows how black text looks on a background with the XYZ color 68.9891, 62.0844, 59.9771.



This preview shows how white text looks on a background with the XYZ color 68.9891, 62.0844,

59.9771.

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

68.9891, 62.0844, 59.9771

Protanopia

59.7148, 62.3033, 65.3783

Deuteranopia

63.5586, 62.3146, 59.1301



Tritanopia

70.1856, 62.2574, 65.4444

Trichromacy



Original Color

68.9891, 62.0844, 59.9771

Protanomaly

62.6760, 62.1122, 63.3290

Deuteranomaly

65.6390, 62.3528, 59.6147

Tritanomaly

69.8291, 62.1148, 63.5673

Monochromacy



Original Color

68.9891, 62.0844, 59.9771

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.7394, 63.2884, 66.6141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9891, 62.0844, 59.9771 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(253, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 191, 195)  
}
```

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(253, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 191, 195) }
```

Border

The CSS property to change the border of an element to XYZ 68.9891, 62.0844, 59.9771 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(253, 191, 195) }
```


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

```
.border{ border-color:rgb(253, 191, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 191,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9891, 62.0844, 59.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 191, 195) }
```

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

```
.background{ background-color: rgb(253,  
191, 195) }
```

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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