

Converting Colors

XYZ(69.1803, 61.4491, 59.6182)

Have a look what the booklet for
XYZ(69.1803, 61.4491, 59.6182)
contains.

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Color

**XYZ(69.2879, 61.5953,
59.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC3
RGB	255, 189, 195
RGB Percent	100%, 74%, 76%
CMY	0.0000, 0.2588, 0.2353
CMYK	0.00, 0.26, 0.24, 0.00
HSL	355°, 100%, 87%
HSV	355°, 26%, 100%
XYZ	69.2879, 61.5953, 59.8670
YIQ	209.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

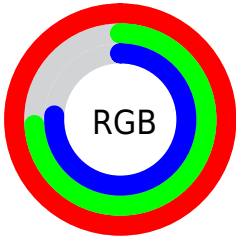
Format	Color
R _Y B	255, 189, 195
Decimal	16760259
CIE Lab	82.70, 24.58, 6.32
CIE LCh	83, 25.376, 14.425
Yxy	61.5953, 0.3632, 0.3229
Android (android.graphics.Color)	4294950339 (0xFFFFBDC3)
YUV	209.4180, -7.1081, 39.9754
Hunter-Lab	78.4827, 20.2428, 9.7111

Details

The XYZ color **69.2879, 61.5953, 59.8670** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8475, 89.1795, 102.9477**, and the grayscale version is **60.9065, 64.0784, 69.7814**.

A 20% lighter version of the original color is **91.6084, 94.1366, 104.6087**, and **36.4976, 31.1214, 29.2827** is the 20% darker color. If you saturate the color by 10%, you get **61.8562, 50.6061, 45.4459**, and if you desaturate by 10%, it is **78.0940, 74.6814, 76.7555**.

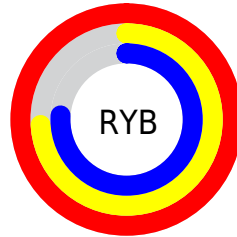
Distribution



Red (100%)

Green (74%)

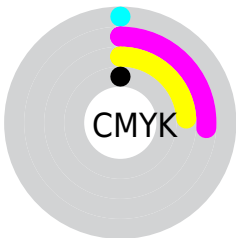
Blue (76%)



Red (100%)

Yellow (74%)

Blue (76%)

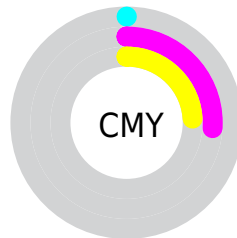


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2879, 61.5953, 59.8670 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 69.2879, 61.5953, 59.8670 by changing the saturation by 10% instead.


 69.2879, 61.5953,
59.8670

 69.2879, 61.5953,
59.8670


447.3512,
430.4533, 441.8984

 51.2237, 44.7058,
42.8868


 117.2245,
107.1404, 106.1782

 36.6084, 31.2257,
29.4656


147.8276,
136.5648, 136.3463

 25.0768, 20.7708,
19.1847


183.3411,
170.9362, 171.7475

 16.2633, 12.9566,
11.6257

224.1303,
210.6391, 212.8003

 9.8027, 7.3986,
6.3699

270.5605,
256.0579, 259.9232

 5.3296, 3.7126,
2.9989

322.9972,

 2.4786, 1.5141,

307.5769, 313.5349

1.0941

381.8057,
365.5806, 374.0537

■ 0.8845, 0.2987,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2879, 61.5953,
59.8670

■ 69.2879, 61.5953,
59.8670

■ 61.8562, 50.6061,
45.4459

■ 78.0940, 74.6814,
76.7555

■ 55.7250, 41.5970,
33.3730

■ 88.3342, 89.9568,
96.2155

■ 50.8207, 34.4526,
23.5249

95.0500, 100.0000,
108.9000

■ 47.0603, 29.0420,
15.7653

■ 44.3502, 25.2175,
9.9431

■ 42.5824, 22.8067,
5.8864

■ 41.6246, 21.5964,
3.3928

■ 41.3963, 21.3225,
2.7531

Harmonies

Analogous

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



69.2270, 61.5953, 75.4497



69.2879, 61.5953, 59.8670



66.3496, 61.5953, 48.1813

Triad

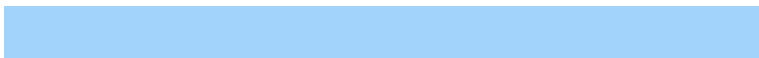
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2879, 61.5953, 59.8670



51.5133, 61.5953, 47.8403



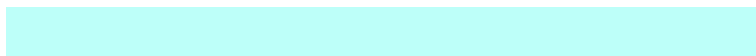
55.7764, 61.5953, 100.3186

Complementary

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



69.2879, 61.5953, 59.8670



73.8475, 89.1795, 102.9477

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.



51.3768, 61.5953, 90.3366



69.2879, 61.5953, 59.8670



49.0217, 61.5953, 59.3290

Square

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



69.2879, 61.5953, 59.8670



55.9734, 61.5953, 42.0039



48.9733, 61.5953, 74.8219



61.1932, 61.5953, 100.5227

Rectangle

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



69.2879, 61.5953, 59.8670



63.1845, 61.5953, 43.4804



48.9733, 61.5953, 74.8219



54.1374, 61.5953, 97.9338

Sweetspot

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



69.2894, 61.5981, 59.8682



86.0402, 86.5304, 91.8698



75.1025, 63.6477, 102.9346



18.0764, 18.0139, 19.0193



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.



69.2894, 61.5981, 59.8682



65.3164, 55.7154, 52.1830



74.8294, 73.7412, 58.4372



18.0764, 18.0139, 19.0193



21.6529, 11.1505, 1.5568



2.1299, 1.0943, 0.2653

Inverse Universe

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



69.2894, 61.5981, 59.8682



65.3164, 55.7154, 52.1830



66.9473, 73.8585, 105.3354



18.0764, 18.0139, 19.0193



21.6529, 11.1505, 1.5568



2.1299, 1.0943, 0.2653

Previews

White Background



This preview shows how the XYZ color 69.2879, 61.5953, 59.8670 looks on a white background.

Color Contrast Check

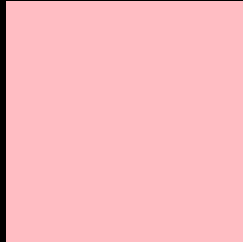
Large Text (above 18pt) WCAG AA × Fail

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 69.2879, 61.5953, 59.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

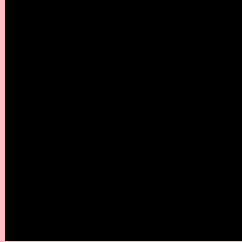
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2879, 61.5953, 59.8670

Background



This preview shows how black text looks on a background with the XYZ color 69.2879, 61.5953, 59.8670.



This preview shows how white text looks on a background with the XYZ color 69.2879, 61.5953,

59.8670.

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

69.2879, 61.5953, 59.8670

Protanopia

59.3087, 61.7239, 65.9147

Deuteranopia

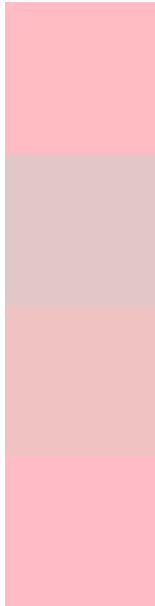
63.0041, 61.6860, 59.0380



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

69.2879, 61.5953, 59.8670

Protanomaly

62.3301, 61.2326, 63.7923

Deuteranomaly

65.1879, 61.4505, 59.4643

Tritanomaly

69.5320, 61.3500, 62.2098

Monochromacy



Original Color

69.2879, 61.5953, 59.8670

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.3836, 62.7694, 65.9018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2879, 61.5953, 59.8670 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, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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(255, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 195) }
```

Border

The CSS property to change the border of an element to XYZ 69.2879, 61.5953, 59.8670 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, 189, 195) }
```


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

```
.border{ border-color:rgb(255, 189, 195) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2879, 61.5953, 59.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 195) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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