

Converting Colors

XYZ(70.4937, 64.0658, 59.6381)

Have a look what the booklet for
XYZ(70.4937, 64.0658, 59.6381)
contains.

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Color

**XYZ(70.4927, 64.1853,
59.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3C2
RGB	255, 195, 194
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2353, 0.2392
CMYK	0.00, 0.24, 0.24, 0.00
HSL	1°, 100%, 88%
HSV	1°, 24%, 100%
XYZ	70.4927, 64.1853, 59.7126
YIQ	212.8260, 36.0810, 12.4090

Conversions

Conversions Part 2

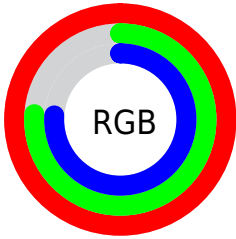
Format	Color
R _Y B	255, 195, 194
Decimal	16761794
CIE Lab	84.06, 21.29, 8.81
CIE LCh	84, 23.041, 22.493
Yxy	64.1853, 0.3626, 0.3302
Android (android.graphics.Color)	4294951874 (0xFFFFC3C2)
YUV	212.8260, -9.2812, 36.9866
Hunter-Lab	80.1157, 16.8571, 11.8904

Details

The XYZ color **70.4927, 64.1853, 59.7126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7387, 89.5700, 107.9046**, and the grayscale version is **63.1742, 66.4642, 72.3795**.

A 20% lighter version of the original color is **93.3057, 97.7829, 104.3987**, and **37.2845, 32.8135, 29.1795** is the 20% darker color. If you saturate the color by 10%, you get **62.7157, 52.8278, 44.1825**, and if you desaturate by 10%, it is **79.7082, 77.6326, 78.1480**.

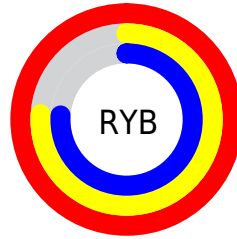
Distribution



Red (100%)

Green (76%)

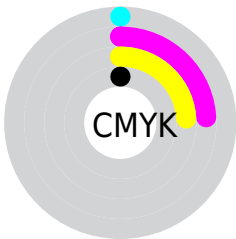
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

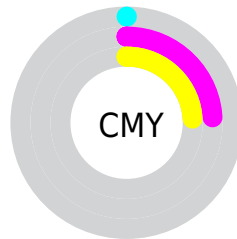


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4927, 64.1853, 59.7126 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 70.4927, 64.1853, 59.7126 by changing the saturation by 10% instead.


 70.4927, 64.1853,
59.7126

 70.4927, 64.1853,
59.7126


451.5175,
439.8585, 441.3128

 52.2094, 46.8008,
42.7632


 118.9336,
110.8778, 105.9519

 37.3969, 32.8782,
29.3694


149.8218,
140.9545, 136.0790

 25.6900, 22.0331,
19.1124


185.6423,
176.0307, 171.4357

 16.7234, 13.8813,
11.5739

226.7606,
216.4909, 212.4406

 10.1315, 8.0381,
6.3353

273.5419,
262.7193, 259.5122

 5.5492, 4.1194,
2.9779

326.3515,

 2.6110, 1.7405,

315.1005, 313.0691

1.0834

385.5550,
374.0187, 373.5298

■ 0.9516, 0.4497,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.4927, 64.1853,
59.7126

■ 70.4927, 64.1853,
59.7126

■ 62.7157, 52.8278,
44.1825

■ 79.7082, 77.6326,
78.1480

■ 56.3000, 43.4472,
31.4060

■ 90.4244, 93.2581,
99.6221

■ 51.1689, 35.9331,
21.2235

95.0500, 100.0000,
108.9000

■ 47.2359, 30.1609,
13.4576

■ 44.4039, 25.9906,
7.9085

■ 42.5607, 23.2610,
4.3446

■ 41.5704, 21.7770,
2.4833

■ 41.2856, 21.3512,
1.9452

Harmonies

Analogous

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



71.2219, 64.1853, 73.6093



70.4927, 64.1853, 59.7126



67.1548, 64.1853, 49.9446

Triad

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



70.4927, 64.1853, 59.7126



53.5743, 64.1853, 54.1871



59.7377, 64.1853, 101.4857

Complementary

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



70.4927, 64.1853, 59.7126



75.7387, 89.5700, 107.9046

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.



55.2449, 64.1853, 94.5357



70.4927, 64.1853, 59.7126



51.8172, 64.1853, 66.2921

Square

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



70.4927, 64.1853, 59.7126



57.3417, 64.1853, 47.0771



52.4114, 64.1853, 81.1558



64.8236, 64.1853, 99.0812

Rectangle

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



70.4927, 64.1853, 59.7126



63.9949, 64.1853, 46.4398



52.4114, 64.1853, 81.1558



58.1120, 64.1853, 100.1363

Sweetspot

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



70.4943, 64.1882, 59.7139



86.9609, 88.2091, 92.6784



78.5821, 67.0642, 103.4107



18.4716, 18.6739, 19.5531



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.



70.4943, 64.1882, 59.7139



66.3686, 58.1642, 51.4718



77.7682, 78.7360, 62.1385



18.0334, 18.0349, 18.6750



21.5830, 11.1772, 1.0199



2.1095, 1.1044, 0.1020

Inverse Universe

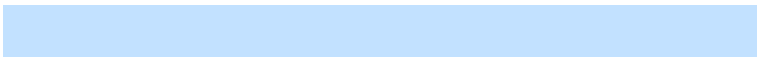
The Inverse Universe completely reimagines the original color for something new.



75.7387, 89.5700, 107.9046



72.4903, 87.7949, 107.7332



67.0889, 72.2704, 105.0214



18.5277, 20.4270, 23.2162



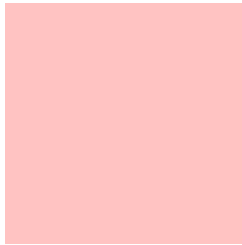
27.4359, 39.7814, 55.6671



2.6792, 3.8892, 5.4227

Previews

White Background



This preview shows how the XYZ color 70.4927, 64.1853, 59.7126 looks on a white background.

Color Contrast Check

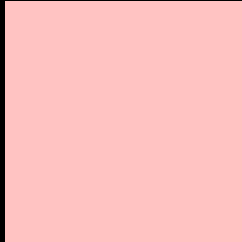
Large Text (above 18pt) WCAG AA × Fail

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 70.4927, 64.1853, 59.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

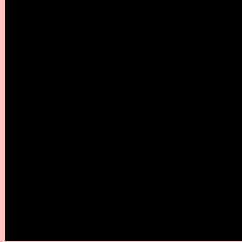
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4927, 64.1853, 59.7126

Background



This preview shows how black text looks on a background with the XYZ color 70.4927, 64.1853, 59.7126.



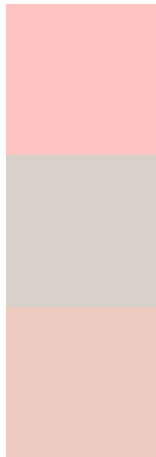
This preview shows how white text looks on a background with the XYZ color 70.4927, 64.1853,

59.7126.

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

70.4927, 64.1853, 59.7126

Protanopia

61.7800, 64.4641, 65.0638

Deuteranopia

65.9066, 64.5667, 59.4410



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

70.4927, 64.1853, 59.7126

Protanomaly

64.5348, 64.1322, 63.0102

Deuteranomaly

67.5881, 64.3919, 59.3187

Tritanomaly

71.3113, 64.1554, 65.1246

Monochromacy



Original Color

70.4927, 64.1853, 59.7126

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2068, 65.0928, 67.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4927, 64.1853, 59.7126 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, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 194)  
}
```

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, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 194) }
```

Border

The CSS property to change the border of an element to XYZ 70.4927, 64.1853, 59.7126 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, 195, 194) }
```


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

```
.border{ border-color:rgb(255, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4927, 64.1853, 59.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 194) }
```

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

```
.background{ background-color: rgb(255,  
195, 194) }
```

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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