

Converting Colors

XYZ(69.4851, 61.5896, 64.7256)

Have a look what the booklet for XYZ(69.4851, 61.5896, 64.7256) contains.

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Color

**XYZ(69.4851, 61.5896,
64.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBDCB
RGB	253, 189, 203
RGB Percent	99%, 74%, 80%
CMY	0.0078, 0.2588, 0.2039
CMYK	0.00, 0.25, 0.20, 0.01
HSL	347°, 94%, 87%
HSV	347°, 25%, 99%
XYZ	69.4851, 61.5896, 64.7256
YIQ	209.7320, 33.6500, 17.9220

Conversions

Conversions Part 2

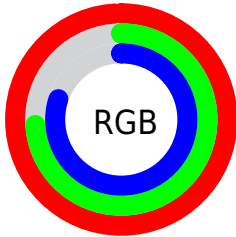
Format	Color
R _{YB}	253, 189, 203
Decimal	16629195
CIE Lab	82.69, 25.02, 2.00
CIE LCh	83, 25.095, 4.567
Yxy	61.5896, 0.3549, 0.3146
Android (android.graphics.Color)	4294819275 (0xFFFD BDCB)
YUV	209.7320, -3.3189, 37.9460
Hunter-Lab	78.4790, 20.7050, 6.0359

Details

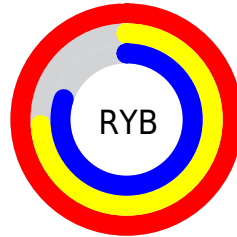
The XYZ color **69.4851, 61.5896, 64.7256** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6941, 87.3029, 94.7381**, and the grayscale version is **61.0899, 64.2713, 69.9915**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.5945, 31.1000, 32.5079** is the 20% darker color. If you saturate the color by 10%, you get **62.3028, 50.7572, 51.4410**, and if you desaturate by 10%, it is **77.9205, 74.4462, 79.9111**.

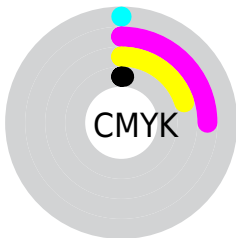
Distribution



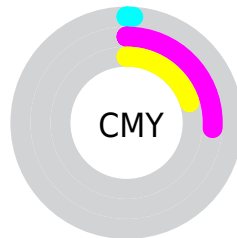
- Red (99%)
- Green (74%)
- Blue (80%)



- Red (99%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4851, 61.5896, 64.7256 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 69.4851, 61.5896, 64.7256 by changing the saturation by 10% instead.

69.4851, 61.5896,
64.7256

69.4851, 61.5896,
64.7256

448.0347,
430.4325, 460.0844

51.3850, 44.7012,
46.7887

117.5045,
107.1322, 113.2648

36.7373, 31.2221,
32.5155

148.1544,
136.5551, 144.7041

25.1769, 20.7680,
21.4875

183.7183,
170.9250, 181.4813

16.3384, 12.9546,
13.2861

224.5615,
210.6262, 224.0149

9.8563, 7.3973,
7.4928

271.0494,
256.0432, 272.7235

5.3653, 3.7118,
3.6891

323.5473,

2.5001, 1.5137,

307.5603, 328.0256

1.4564

382.4206,
365.5619, 390.3397

■ 0.8953, 0.2983,
0.1851

■ 0.0000, 0.0000,
0.0000

■ 69.4851, 61.5896,
64.7256

■ 69.4851, 61.5896,
64.7256

■ 62.3028, 50.7572,
51.4410

■ 77.9205, 74.4462,
79.9111

■ 56.3079, 41.8376,
39.9778

■ 87.6601, 89.4144,
97.0652

■ 51.4363, 34.7211,
30.2563

■ 94.3183, 99.6228,
108.8658

■ 47.6159, 29.2839,
22.1892

■ 44.7656, 25.3861,
15.6815

■ 42.7922, 22.8651,
10.6276

■ 41.5821, 21.5208,
6.9075

■ 41.2058, 21.1618,
5.5688

Harmonies

Analogous

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



68.4022, 61.5896, 80.6262



69.4851, 61.5896, 64.7256



67.4910, 61.5896, 51.5961

Triad

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



69.4851, 61.5896, 64.7256



52.8557, 61.5896, 45.4758



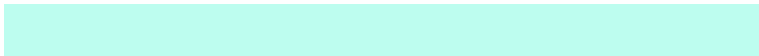
54.2018, 61.5896, 97.5820

Complementary

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



69.4851, 61.5896, 64.7256



71.6941, 87.3029, 94.7381

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.



50.4159, 61.5896, 85.3423



69.4851, 61.5896, 64.7256



49.6728, 61.5896, 55.1089

Square

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



69.4851, 61.5896, 64.7256



57.7180, 61.5896, 41.6200



48.8075, 61.5896, 69.4511



59.3679, 61.5896, 101.1969

Rectangle

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



69.4851, 61.5896, 64.7256



64.7528, 61.5896, 45.6744



48.8075, 61.5896, 69.4511



52.7361, 61.5896, 94.2566

Sweetspot

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



69.4868, 61.5924, 64.7269



86.4230, 86.6835, 93.8855



71.2116, 61.6787, 101.0810



18.1720, 18.0521, 19.5227



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.



69.4868, 61.5924, 64.7269



67.1364, 57.2507, 59.2782



71.7827, 68.7341, 57.6312



18.1720, 18.0521, 19.5227



21.9636, 11.2747, 3.1927



2.1770, 1.1132, 0.5135

Inverse Universe

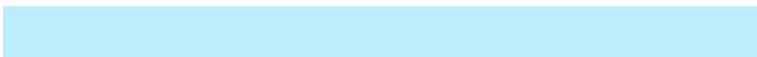
The Inverse Universe completely reimagines the original color for something new.



69.4868, 61.5924, 64.7269



67.1364, 57.2507, 59.2782



68.6944, 77.8652, 104.3380



18.1720, 18.0521, 19.5227



21.9636, 11.2747, 3.1927



2.1770, 1.1132, 0.5135

Previews

White Background



This preview shows how the XYZ color 69.4851, 61.5896, 64.7256 looks on a white background.

Color Contrast Check

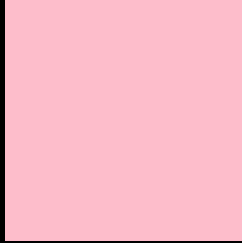
Large Text (above 18pt) WCAG AA × Fail

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 69.4851, 61.5896, 64.7256 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 69.4851, 61.5896, 64.7256

Background



This preview shows how black text looks on a background with the XYZ color 69.4851, 61.5896, 64.7256.



This preview shows how white text looks on a background with the XYZ color 69.4851, 61.5896,

64.7256.

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

69.4851, 61.5896, 64.7256

Protanopia

59.7274, 61.8260, 71.0730

Deuteranopia

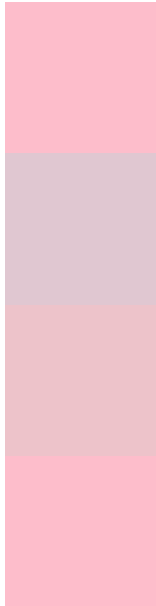
62.9609, 61.5579, 63.8218



Tritanopia

69.4851, 61.5896, 64.7256

Trichromacy



Original Color

69.4851, 61.5896, 64.7256

Protanomaly

62.6725, 61.2976, 68.8500

Deuteranomaly

65.1008, 61.2990, 64.2778

Tritanomaly

69.4851, 61.5896, 64.7256

Monochromacy



Original Color

69.4851, 61.5896, 64.7256

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.7470, 62.9148, 67.8154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4851, 61.5896, 64.7256 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(253, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 189, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.4851, 61.5896, 64.7256 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, 189, 203) }
```


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

```
.border{ border-color:rgb(253, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(253, 189,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4851, 61.5896, 64.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 189, 203) }
```

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

```
.background{ background-color: rgb(253,  
189, 203) }
```

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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