

Converting Colors

XYZ(67.1876, 62.5776, 43.1884)

Have a look what the booklet for
XYZ(67.1876, 62.5776, 43.1884)
contains.

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Color

**XYZ(67.1426, 62.4879,
43.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2A3
RGB	255, 194, 163
RGB Percent	100%, 76%, 64%
CMY	0.0000, 0.2392, 0.3608
CMYK	0.00, 0.24, 0.36, 0.00
HSL	20°, 100%, 82%
HSV	20°, 36%, 100%
XYZ	67.1426, 62.4879, 43.1729
YIQ	208.7050, 46.3070, 3.2910

Conversions

Conversions Part 2

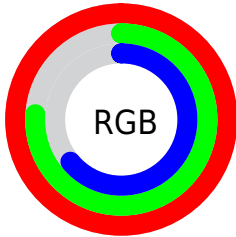
Format	Color
R _Y B	255, 210, 163
Decimal	16761507
CIE Lab	83.17, 17.84, 24.06
CIE LCh	83, 29.947, 53.442
Yxy	62.4879, 0.3885, 0.3616
Android (android.graphics.Color)	4294951587 (0xFFFFC2A3)
YUV	208.7050, -22.5326, 40.6007
Hunter-Lab	79.0493, 13.2774, 22.9532

Details

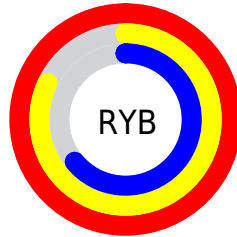
The XYZ color **67.1426, 62.4879, 43.1729** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.8089, 68.3153, 104.6416**, and the grayscale version is **60.5345, 63.6870, 69.3551**.

A 20% lighter version of the original color is **88.3921, 95.3163, 80.0688**, and **35.2733, 31.7742, 19.3129** is the 20% darker color. If you saturate the color by 10%, you get **61.5334, 54.5645, 31.1449**, and if you desaturate by 10%, it is **73.6438, 71.4576, 57.7722**.

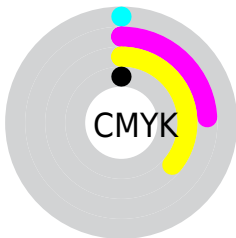
Distribution



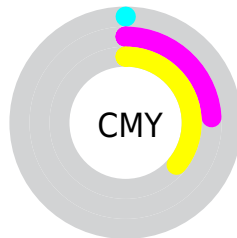
- Red (100%)
- Green (76%)
- Blue (64%)



- Red (100%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1426, 62.4879, 43.1729 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 67.1426, 62.4879, 43.1729 by changing the saturation by 10% instead.


 67.1426, 62.4879,
43.1729


 67.1426, 62.4879,
43.1729


439.8767,
433.7086, 375.2644

 49.4716, 45.4271,
29.6884

 114.1734,
108.4304, 81.2609

 35.2098, 31.7939,
19.3521


 144.2639,
138.0808, 106.7014

 23.9918, 21.2042,
11.7456


179.2250,
172.6965, 136.9644

 15.4523, 13.2733,
6.4503

219.4221,
212.6619, 172.4683

 9.2258, 7.6170,
3.0476

265.2204,
258.3615, 213.6317

 4.9470, 3.8509,
1.1190

316.9854,

 2.2507, 1.5905,

310.1795, 260.8732

0.0000

375.0824,
368.5004, 314.6112

0.7692, 0.3512,
0.0000

0.0000, 0.0000,
0.0000

67.1426, 62.4879,
43.1729

67.1426, 62.4879,
43.1729

61.5334, 54.5645,
31.1449

73.6438, 71.4576,
57.7722

56.7692, 47.6389,
21.5329

81.0713, 81.5022,
75.0780

52.8058, 41.6716,
14.1707

89.4634, 92.6601,
95.2204

49.5921, 36.6166,
8.8690

95.0500, 100.0000,
108.9000

■ 47.0704, 32.4235,
5.4069

■ 45.1715, 29.0353,
3.5108

■ 44.5629, 27.9058,
3.0376

Harmonies

Analogous

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



71.5972, 62.4879, 54.7844



67.1426, 62.4879, 43.1729



60.8299, 62.4879, 38.3441

Triad

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



67.1426, 62.4879, 43.1729



47.8348, 62.4879, 64.0371



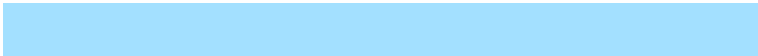
64.4986, 62.4879, 106.3905

Complementary

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



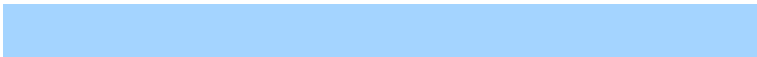
67.1426, 62.4879, 43.1729



59.8089, 68.3153, 104.6416

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.



57.9787, 62.4879, 110.0928



67.1426, 62.4879, 43.1729



48.6607, 62.4879, 83.2749

Square

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



67.1426, 62.4879, 43.1729



49.9196, 62.4879, 48.8891



52.2637, 62.4879, 100.9845



69.9946, 62.4879, 91.6311

Rectangle

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



67.1426, 62.4879, 43.1729



56.5380, 62.4879, 38.8550



52.2637, 62.4879, 100.9845



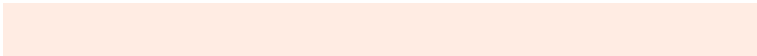
62.3422, 62.4879, 109.0685

Sweetspot

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



67.1442, 62.4909, 43.1742



85.2099, 87.0267, 84.9437



67.8373, 52.8549, 77.3852



17.9966, 18.3055, 17.6021



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.



67.1442, 62.4909, 43.1742



63.1681, 56.8956, 34.5824



78.9131, 86.0286, 47.0971



18.5096, 18.9874, 18.8337



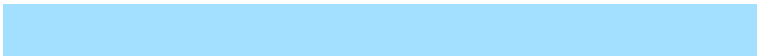
23.4079, 14.8271, 1.6282



2.3753, 1.6359, 0.1906

Inverse Universe

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



59.8089, 68.3153, 104.6416



54.8722, 63.4383, 103.9605



49.1416, 46.9808, 101.0858



18.0090, 19.3896, 23.0433



16.9945, 18.8986, 52.1867



1.7557, 2.0421, 5.1149

Previews

White Background



This preview shows how the XYZ color 67.1426, 62.4879, 43.1729 looks on a white background.

Color Contrast Check

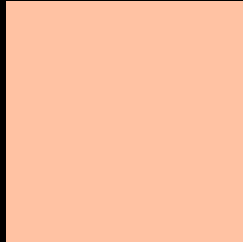
Large Text (above 18pt) WCAG AA × Fail

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 67.1426, 62.4879, 43.1729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

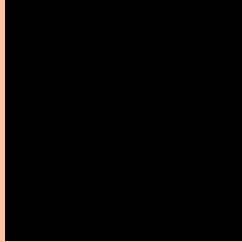
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1426, 62.4879, 43.1729

Background



This preview shows how black text looks on a background with the XYZ color 67.1426, 62.4879, 43.1729.



This preview shows how white text looks on a background with the XYZ color 67.1426, 62.4879,

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

67.1426, 62.4879, 43.1729

Protanopia

58.9895, 62.7059, 46.5305

Deuteranopia

63.9072, 62.5102, 42.8798



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

67.1426, 62.4879, 43.1729

Protanomaly

61.6999, 62.3547, 45.3429

Deuteranomaly

64.8456, 62.3153, 42.7927

Tritanomaly

68.9479, 62.1524, 55.9396

Monochromacy



Original Color

67.1426, 62.4879, 43.1729

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.4713, 63.1603, 58.7677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1426, 62.4879, 43.1729 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, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 163)  
}
```

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, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 163) }
```

Border

The CSS property to change the border of an element to XYZ 67.1426, 62.4879, 43.1729 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, 194, 163) }
```


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

```
.border{ border-color:rgb(255, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1426, 62.4879, 43.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 163) }
```

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

```
.background{ background-color: rgb(255,  
194, 163) }
```

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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