

Converting Colors

XYZ(67.3611, 56.8010, 43.8788)

Have a look what the booklet for
XYZ(67.3611, 56.8010, 43.8788)
contains.

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Color

**XYZ(63.5450, 54.7100,
43.7701)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA7
RGB	255, 175, 167
RGB Percent	100%, 69%, 65%
CMY	0.0000, 0.3137, 0.3451
CMYK	0.00, 0.31, 0.35, 0.00
HSL	5°, 100%, 83%
HSV	5°, 35%, 100%
XYZ	63.5450, 54.7100, 43.7701
YIQ	198.0080, 50.2480, 14.4720

Conversions

Conversions Part 2

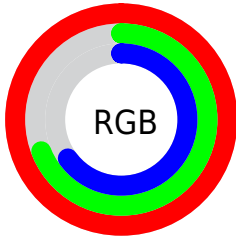
Format	Color
R _Y B	255, 176, 167
Decimal	16756647
CIE Lab	78.87, 28.26, 15.97
CIE LCh	79, 32.465, 29.467
Yxy	54.7100, 0.3922, 0.3377
Android (android.graphics.Color)	4294946727 (0xFFFFAFA7)
YUV	198.0080, -15.2869, 49.9820
Hunter-Lab	73.9662, 23.9100, 16.6910

Details

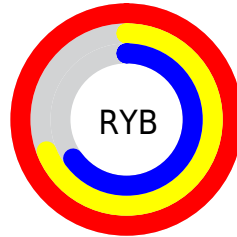
The XYZ color **63.5450, 54.7100, 43.7701** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2457, 81.9538, 106.8821**, and the grayscale version is **53.7513, 56.5505, 61.5835**.

A 20% lighter version of the original color is **83.0007, 83.6858, 80.8856**, and **32.8190, 26.8926, 19.6807** is the 20% darker color. If you saturate the color by 10%, you get **57.2852, 45.5982, 31.1774**, and if you desaturate by 10%, it is **71.0469, 65.5617, 59.0710**.

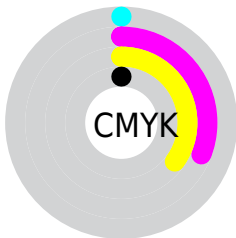
Distribution



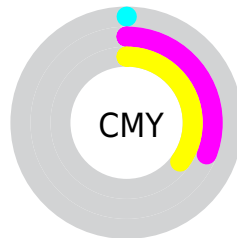
- Red (100%)
- Green (69%)
- Blue (65%)



- Red (100%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (31%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5450, 54.7100, 43.7701 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 63.5450, 54.7100, 43.7701 by changing the saturation by 10% instead.


 63.5450, 54.7100,
43.7701


 63.5450, 54.7100,
43.7701


427.1730,
404.8117, 377.7832

 46.5426, 39.1696,
30.1539


 109.0328, 97.1159,
82.1705

 32.8806, 26.8917,
19.7024


 138.2489,
124.7502, 107.7918

 22.1938, 17.4919,
11.9970

172.2669,
157.1846, 138.2519

 14.1168, 10.5858,
6.6191

211.4521,
194.8035, 173.9693

 8.2842, 5.7891,
3.1503

256.1700,
237.9913, 215.3626

 4.3306, 2.7172,
1.1719

306.7859,

 1.8908, 0.9860,

287.1323, 262.8503

0.0000

363.6651,
342.6110, 316.8510

■ 0.5715, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5450, 54.7100,
43.7701

■ 63.5450, 54.7100,
43.7701

■ 57.2852, 45.5982,
31.1774

■ 71.0469, 65.5617,
59.0710

■ 52.1962, 38.1285,
21.1319

■ 79.8485, 78.2290,
77.2218

■ 48.2060, 32.2051,
13.4606

■ 90.0091, 92.7926,
98.3582

■ 45.2331, 27.7195,
7.9676

95.0500, 100.0000,
108.9000

■ 43.1840, 24.5486,
4.4256

■ 41.9479, 22.5489,
2.5570

■ 41.5503, 21.8807,
2.0334

Harmonies

Analogous

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



65.3933, 54.7100, 59.9002



63.5450, 54.7100, 43.7701



58.5490, 54.7100, 33.9446

Triad

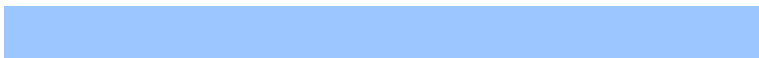
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.5450, 54.7100, 43.7701



42.0458, 54.7100, 43.3068



51.8852, 54.7100, 102.5409

Complementary

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



63.5450, 54.7100, 43.7701



67.2457, 81.9538, 106.8821

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.



45.9589, 54.7100, 95.6402



63.5450, 54.7100, 43.7701



40.5733, 54.7100, 59.2408

Square

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



63.5450, 54.7100, 43.7701



46.1428, 54.7100, 33.7185



41.9459, 54.7100, 78.7766



58.3335, 54.7100, 96.0930

Rectangle

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



63.5450, 54.7100, 43.7701



54.2970, 54.7100, 31.0608



41.9459, 54.7100, 78.7766



49.7691, 54.7100, 101.6872

Sweetspot

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



63.5464, 54.7126, 43.7712



84.2587, 84.5569, 86.3755



71.9505, 55.6545, 95.4863



17.7342, 17.6676, 17.8632



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.



63.5464, 54.7126, 43.7712



59.3454, 48.6047, 35.2983



73.3732, 74.3662, 47.0468



18.1422, 18.2526, 18.7112



21.7555, 11.5222, 1.0774



2.1611, 1.2075, 0.1192

Inverse Universe

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



67.2457, 81.9538, 106.8821



63.5111, 79.3478, 106.5760



55.5005, 58.4634, 102.9671



18.4053, 20.1821, 23.1754



24.5389, 33.9874, 54.7015



2.4289, 3.3884, 5.3393

Previews

White Background



This preview shows how the XYZ color 63.5450, 54.7100, 43.7701 looks on a white background.

Color Contrast Check

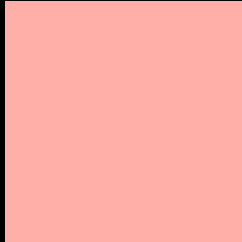
Large Text (above 18pt) WCAG AA × Fail

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 63.5450, 54.7100, 43.7701 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 63.5450, 54.7100, 43.7701

Background



This preview shows how black text looks on a background with the XYZ color 63.5450, 54.7100, 43.7701.



This preview shows how white text looks on a background with the XYZ color 63.5450, 54.7100,

43.7701.

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

63.5450, 54.7100, 43.7701

Protanopia

52.0795, 54.9010, 49.4470

Deuteranopia

55.8261, 54.6906, 43.2113



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

63.5450, 54.7100, 43.7701

Protanomaly

55.6502, 54.5132, 47.1242

Deuteranomaly

58.4085, 54.4530, 43.5084

Tritanomaly

64.5127, 54.7868, 49.8225

Monochromacy



Original Color

63.5450, 54.7100, 43.7701

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.5965, 55.4748, 54.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5450, 54.7100, 43.7701 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, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 167)  
}
```

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, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 167) }
```

Border

The CSS property to change the border of an element to XYZ 63.5450, 54.7100, 43.7701 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, 175, 167) }
```


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

```
.border{ border-color:rgb(255, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5450, 54.7100, 43.7701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 167) }
```

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

```
.background{ background-color: rgb(255,  
175, 167) }
```

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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