

Converting Colors

XYZ(67.0407, 55.9475, 43.6713)

Have a look what the booklet for
XYZ(67.0407, 55.9475, 43.6713)
contains.

XYZ(63.1586, 53.9372, 43.6413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.1586, 53.9372,
43.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADA7
RGB	255, 173, 167
RGB Percent	100%, 68%, 65%
CMY	0.0000, 0.3215, 0.3451
CMYK	0.00, 0.32, 0.35, 0.00
HSL	4°, 100%, 83%
HSV	4°, 35%, 100%
XYZ	63.1586, 53.9372, 43.6413
YIQ	196.8340, 50.7980, 15.5180

Conversions

Conversions Part 2

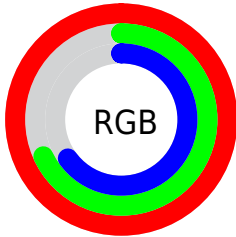
Format	Color
R _Y B	255, 173, 167
Decimal	16756135
CIE Lab	78.43, 29.31, 15.34
CIE LCh	78, 33.084, 27.627
Yxy	53.9372, 0.3929, 0.3356
Android (android.graphics.Color)	4294946215 (0xFFFFADA7)
YUV	196.8340, -14.7082, 51.0116
Hunter-Lab	73.4419, 24.9830, 16.1776

Details

The XYZ color **63.1586, 53.9372, 43.6413** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.8606, 83.1835, 107.0871**, and the grayscale version is **53.0365, 55.7986, 60.7646**.

A 20% lighter version of the original color is **82.4441, 82.5725, 80.7001**, and **32.5759, 26.4065, 19.5997** is the 20% darker color. If you saturate the color by 10%, you get **56.8717, 44.7712, 31.0395**, and if you desaturate by 10%, it is **70.7233, 64.9146, 58.9631**.

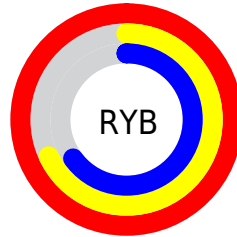
Distribution



Red (100%)

Green (68%)

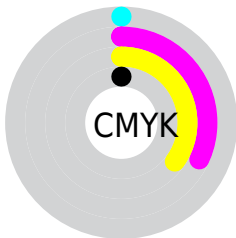
Blue (65%)



Red (100%)

Yellow (68%)

Blue (65%)

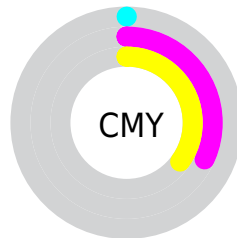


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1586, 53.9372, 43.6413 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 63.1586, 53.9372, 43.6413 by changing the saturation by 10% instead.


 63.1586, 53.9372,
43.6413


 63.1586, 53.9372,
43.6413


425.7954,
401.8705, 377.2409

 46.2287, 38.5515,
30.0535


 108.4788, 95.9820,
81.9744

 32.6317, 26.4110,
19.6268


 137.5998,
123.4099, 107.5568

 22.0023, 17.1313,
11.9427


171.5152,
155.6206, 137.9745

 13.9752, 10.3282,
6.5826

210.5903,
192.9986, 173.6460

 8.1850, 5.6171,
3.1280

255.1905,
235.9281, 214.9898

 4.2664, 2.6137,
1.1604

305.6812,

 1.8539, 0.9335,

284.7937, 262.4246

0.0000

362.4277,
339.9797, 316.3688

0.5498, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

63.1586, 53.9372,
43.6413

63.1586, 53.9372,
43.6413

56.8717, 44.7712,
31.0395

70.7233, 64.9146,
58.9631

51.7879, 37.3119,
20.9958

79.6266, 77.7851,
77.1478

47.8315, 31.4560,
13.3357

89.9303, 92.6350,
98.3320

44.9163, 27.0859,
7.8620

95.0500, 100.0000,
108.9000

■ 42.9434, 24.0676,
4.3454

■ 41.7950, 22.2431,
2.5060

■ 41.4467, 21.6735,
1.9989

Harmonies

Analogous

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



64.7983, 53.9372, 60.2233



63.1586, 53.9372, 43.6413



58.2549, 53.9372, 33.3827

Triad

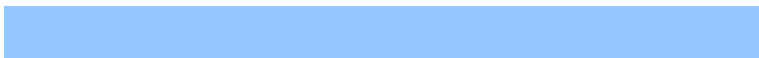
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.1586, 53.9372, 43.6413



41.4155, 53.9372, 41.5686



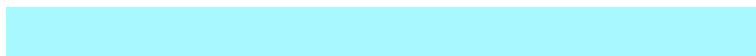
50.7498, 53.9372, 102.2558

Complementary

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



63.1586, 53.9372, 43.6413



67.8606, 83.1835, 107.0871

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.



44.8592, 53.9372, 94.4540



63.1586, 53.9372, 43.6413



39.7619, 53.9372, 57.2585

Square

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



63.1586, 53.9372, 43.6413



45.6843, 53.9372, 32.3758



40.9681, 53.9372, 76.9446



57.2841, 53.9372, 96.5035

Rectangle

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



63.1586, 53.9372, 43.6413



53.9913, 53.9372, 30.2391



40.9681, 53.9372, 76.9446



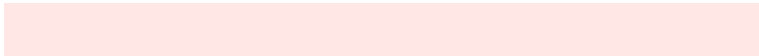
48.6334, 53.9372, 101.1010

Sweetspot

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



63.1600, 53.9398, 43.6424



84.0960, 84.2315, 86.3213



72.1786, 55.7458, 96.6874



17.6952, 17.5896, 17.8502



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.



63.1600, 53.9398, 43.6424



58.9375, 47.7889, 35.1624



72.9938, 73.6073, 46.9203



18.1089, 18.1860, 18.7001



21.6934, 11.3980, 1.0567



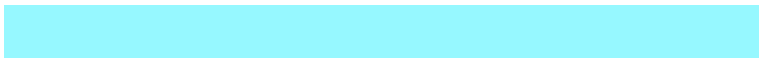
2.1454, 1.1761, 0.1139

Inverse Universe

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



67.8606, 83.1835, 107.0871



64.2365, 80.7986, 106.8178



55.8500, 59.1624, 103.0836



18.4425, 20.2566, 23.1878



25.3913, 35.6923, 54.9856



2.5029, 3.5365, 5.3640

Previews

White Background



This preview shows how the XYZ color 63.1586, 53.9372, 43.6413 looks on a white background.

Color Contrast Check

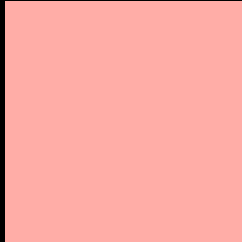
Large Text (above 18pt) WCAG AA × Fail

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 63.1586, 53.9372, 43.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

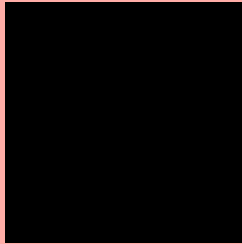
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1586, 53.9372, 43.6413

Background



This preview shows how black text looks on a background with the XYZ color 63.1586, 53.9372, 43.6413.



This preview shows how white text looks on a background with the XYZ color 63.1586, 53.9372,

43.6413.

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

63.1586, 53.9372, 43.6413

Protanopia

51.6848, 54.3545, 49.8869

Deuteranopia

55.2116, 54.0683, 42.6482



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

63.1586, 53.9372, 43.6413

Protanomaly

55.0177, 53.5460, 47.4801

Deuteranomaly

57.7804, 53.8347, 42.9431

Tritanomaly

64.0284, 53.9794, 49.1639

Monochromacy



Original Color

63.1586, 53.9372, 43.6413

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.7596, 54.4170, 54.0191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1586, 53.9372, 43.6413 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, 173, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 167) }
```

Border

The CSS property to change the border of an element to XYZ 63.1586, 53.9372, 43.6413 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, 173, 167) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1586, 53.9372, 43.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 167) }
```

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

```
.background{ background-color: rgb(255,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor