

Converting Colors

XYZ(64.5009, 54.8356, 43.8547)

Have a look what the booklet for
XYZ(64.5009, 54.8356, 43.8547)
contains.

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Color

**XYZ(63.3511, 54.3221,
43.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEA7
RGB	255, 174, 167
RGB Percent	100%, 68%, 65%
CMY	0.0000, 0.3176, 0.3451
CMYK	0.00, 0.32, 0.35, 0.00
HSL	5°, 100%, 83%
HSV	5°, 35%, 100%
XYZ	63.3511, 54.3221, 43.7055
YIQ	197.4210, 50.5230, 14.9950

Conversions

Conversions Part 2

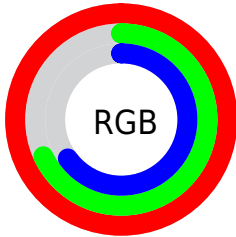
Format	Color
R _Y B	255, 175, 167
Decimal	16756391
CIE Lab	78.65, 28.79, 15.66
CIE LCh	79, 32.770, 28.538
Yxy	54.3221, 0.3926, 0.3366
Android (android.graphics.Color)	4294946471 (0xFFFFAEA7)
YUV	197.4210, -14.9976, 50.4968
Hunter-Lab	73.7035, 24.4466, 16.4341

Details

The XYZ color **63.3511, 54.3221, 43.7055** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5525, 82.5673, 106.9844**, and the grayscale version is **53.3931, 56.1737, 61.1732**.

A 20% lighter version of the original color is **82.7216, 83.1276, 80.7926**, and **32.6968, 26.6483, 19.6400** is the 20% darker color. If you saturate the color by 10%, you get **57.0773, 45.1823, 31.1081**, and if you desaturate by 10%, it is **70.8847, 65.2373, 59.0170**.

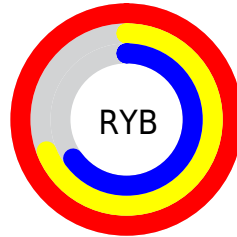
Distribution



Red (100%)

Green (68%)

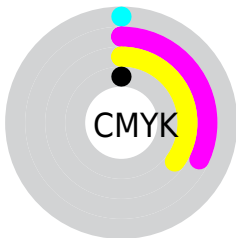
Blue (65%)



Red (100%)

Yellow (69%)

Blue (65%)

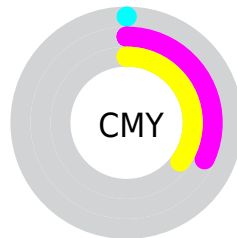


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3511, 54.3221, 43.7055 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 63.3511, 54.3221, 43.7055 by changing the saturation by 10% instead.


 63.3511, 54.3221,
43.7055


 63.3511, 54.3221,
43.7055

426.4820,
403.3371, 377.5113

 46.3850, 38.8592,
30.1036


 108.7549, 96.5470,
82.0722

 32.7557, 26.6502,
19.6645


 137.9232,
124.0779, 107.6739

 22.0977, 17.3107,
11.9697


171.8898,
156.4001, 138.1128

 14.0457, 10.4563,
6.6008

211.0198,
193.8983, 173.8072

 8.2344, 5.7025,
3.1391

255.6787,
236.9566, 215.1757

 4.2983, 2.6650,
1.1661

306.2318,

 1.8723, 0.9595,

285.9596, 262.6368

0.0000

363.0444,
341.2916, 316.6092

■ 0.5606, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3511, 54.3221,
43.7055

■ 63.3511, 54.3221,
43.7055

■ 57.0773, 45.1823,
31.1081

■ 70.8847, 65.2373,
59.0170

■ 51.9904, 37.7169,
21.0633

■ 79.7374, 78.0068,
77.1848

■ 48.0167, 31.8263,
13.3975

■ 89.9697, 92.7139,
98.3452

■ 45.0721, 27.3975,
7.9139

95.0500, 100.0000,
108.9000

■ 43.0608, 24.3022,
4.3845

■ 41.8683, 22.3898,
2.5305

■ 41.4955, 21.7709,
2.0152

Harmonies

Analogous

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



65.0947, 54.3221, 60.0615



63.3511, 54.3221, 43.7055



58.4014, 54.3221, 33.6626

Triad

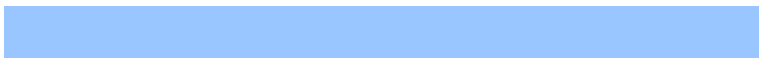
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3511, 54.3221, 43.7055



41.7294, 54.3221, 42.4308



51.3147, 54.3221, 102.3975

Complementary

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



63.3511, 54.3221, 43.7055



67.5525, 82.5673, 106.9844

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.



45.4061, 54.3221, 95.0447



63.3511, 54.3221, 43.7055



40.1658, 54.3221, 58.2429

Square

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



63.3511, 54.3221, 43.7055



45.9128, 54.3221, 33.0419



41.4545, 54.3221, 77.8557



57.8064, 54.3221, 96.2976

Rectangle

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



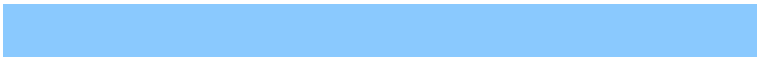
63.3511, 54.3221, 43.7055



54.1437, 54.3221, 30.6478



41.4545, 54.3221, 77.8557



49.1983, 54.3221, 101.3929

Sweetspot

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



63.3525, 54.3247, 43.7066



84.1773, 84.3940, 86.3484



72.1787, 55.7458, 96.6875



17.7147, 17.6286, 17.8567



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.



63.3525, 54.3247, 43.7066



59.1404, 48.1947, 35.2300



72.9938, 73.6074, 46.9204



18.1255, 18.2192, 18.7057



21.7228, 11.4568, 1.0665



2.1532, 1.1918, 0.1166

Inverse Universe

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



67.5525, 82.5673, 106.9844



63.8728, 80.0711, 106.6966



55.8501, 59.1625, 103.0836



18.4239, 20.2193, 23.1816



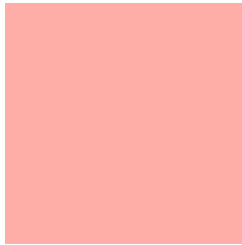
24.9619, 34.8333, 54.8425



2.4656, 3.4620, 5.3515

Previews

White Background



This preview shows how the XYZ color 63.3511, 54.3221, 43.7055 looks on a white background.

Color Contrast Check

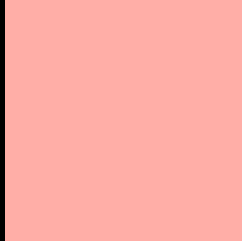
Large Text (above 18pt) WCAG AA × Fail

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 63.3511, 54.3221, 43.7055 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 63.3511, 54.3221, 43.7055

Background



This preview shows how black text looks on a background with the XYZ color 63.3511, 54.3221, 43.7055.



This preview shows how white text looks on a background with the XYZ color 63.3511, 54.3221,

43.7055.

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

63.3511, 54.3221, 43.7055

Protanopia

51.8562, 54.4544, 49.3726

Deuteranopia

55.7354, 54.6543, 42.7337



Tritanopia

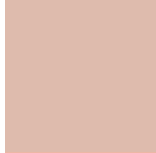
64.7495, 54.2678, 52.9610

Trichromacy



Original Color

63.3511, 54.3221, 43.7055



Protanomaly

55.4374, 54.0874, 47.0532



Deuteranomaly

58.3171, 54.4165, 43.0271



Tritanomaly

64.2195, 54.3615, 49.2276

Monochromacy



Original Color

63.3511, 54.3221, 43.7055



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.9740, 54.8458, 54.0905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3511, 54.3221, 43.7055 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, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 167) }
```

Border

The CSS property to change the border of an element to XYZ 63.3511, 54.3221, 43.7055 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, 174, 167) }
```


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

```
.border{ border-color:rgb(255, 174, 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, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3511, 54.3221, 43.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 167) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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