

Converting Colors

XYZ(127.0443, 86.2382,
50.0785)

Have a look what the booklet for
XYZ(127.0443, 86.2382, 50.0785)
contains.

XYZ(63.4429, 53.4418, 47.0159)	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(63.4429, 53.4418,
47.0159)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABAE
RGB	255, 171, 174
RGB Percent	100%, 67%, 68%
CMY	0.0000, 0.3294, 0.3176
CMYK	0.00, 0.33, 0.32, 0.00
HSL	358°, 100%, 84%
HSV	358°, 33%, 100%
XYZ	63.4429, 53.4418, 47.0159
YIQ	196.4580, 49.1010, 18.7410

Conversions

Conversions Part 2

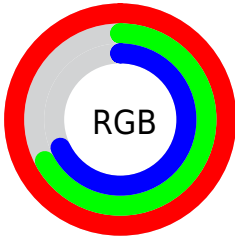
Format	Color
R _Y B	255, 171, 174
Decimal	16755630
CIE Lab	78.14, 31.22, 11.13
CIE LCh	78, 33.142, 19.631
Yxy	53.4418, 0.3871, 0.3261
Android (android.graphics.Color)	4294945710 (0xFFFFABAE)
YUV	196.4580, -11.0718, 51.3413
Hunter-Lab	73.1039, 26.9786, 13.0411

Details

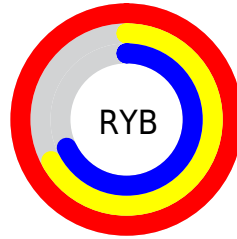
The XYZ color **63.4429, 53.4418, 47.0159** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.1275, 87.2073, 105.2364**, and the grayscale version is **52.7894, 55.5386, 60.4815**.

A 20% lighter version of the original color is **82.8519, 81.8553, 85.5616**, and **32.7562, 26.0978, 21.7233** is the 20% darker color. If you saturate the color by 10%, you get **56.9006, 43.8490, 34.0706**, and if you desaturate by 10%, it is **71.3559, 65.0733, 62.5844**.

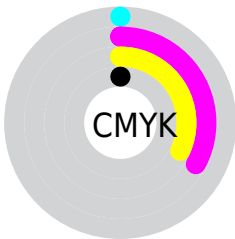
Distribution



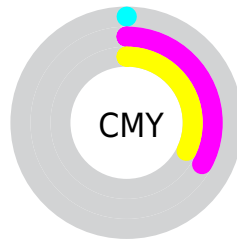
- Red (100%)
- Green (67%)
- Blue (68%)



- Red (100%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4429, 53.4418, 47.0159 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 63.4429, 53.4418, 47.0159 by changing the saturation by 10% instead.

 63.4429, 53.4418,
47.0159

 63.4429, 53.4418,
47.0159

426.8092,
399.9778, 391.2736

 46.4596, 38.1556,
32.6938


 108.8865, 95.2542,
87.0876

 32.8148, 26.1035,
21.6228


138.0774,
122.5491, 113.6742

 22.1432, 16.9011,
13.3843


172.0683,
154.6157, 145.1862

 14.0793, 10.1640,
7.5599

211.2245,
191.8384, 182.0419

 8.2579, 5.5078,
3.7309

255.9113,
234.6015, 224.6599

 4.3136, 2.5482,
1.4789

306.4942,

 1.8810, 0.9007,

283.2896, 273.4589

0.2022

363.3384,
338.2869, 328.8573

■ 0.5658, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4429, 53.4418,
47.0159

■ 63.4429, 53.4418,
47.0159

■ 56.9006, 43.8490,
34.0706

■ 71.3559, 65.0733,
62.5844

■ 51.6474, 36.1706,
23.6012

■ 80.7070, 78.8436,
80.9060

■ 47.5992, 30.2803,
15.4507

■ 91.5641, 94.8550,
102.1059

■ 44.6605, 26.0338,
9.4428

95.0500, 100.0000,
108.9000

■ 42.7210, 23.2642,
5.3762

■ 41.6480, 21.7695,
3.0111

■ 41.2898, 21.2799,
2.1923

Harmonies

Analogous

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



64.0482, 53.4418, 64.8432



63.4429, 53.4418, 47.0159



59.2905, 53.4418, 35.0367

Triad

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



63.4429, 53.4418, 47.0159



41.8898, 53.4418, 38.0200



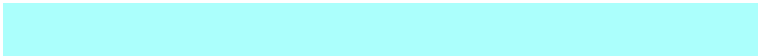
48.5875, 53.4418, 100.7675

Complementary

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



63.4429, 53.4418, 47.0159



70.1275, 87.2073, 105.2364

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.



43.1521, 53.4418, 89.7918



63.4429, 53.4418, 47.0159



39.5089, 53.4418, 52.0064

Square

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



63.4429, 53.4418, 47.0159



46.7269, 53.4418, 30.6583



39.9505, 53.4418, 71.0054



55.0923, 53.4418, 98.6342

Rectangle

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



63.4429, 53.4418, 47.0159



55.2513, 53.4418, 30.7607



39.9505, 53.4418, 71.0054



46.5847, 53.4418, 98.4114

Sweetspot

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



63.4442, 53.4443, 47.0170



83.7383, 83.3119, 86.8319



72.3259, 56.8204, 101.7632



17.6096, 17.3696, 17.9723



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.



63.4442, 53.4443, 47.0170



58.6861, 46.4644, 37.6114



71.3436, 69.7051, 48.2256



18.0356, 17.9976, 18.8047



21.5861, 11.1238, 1.2052



2.1106, 1.0866, 0.1638

Inverse Universe

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



63.4442, 53.4443, 47.0170



58.6861, 46.4644, 37.6114



59.7112, 65.6090, 104.1244



18.0356, 17.9976, 18.8047



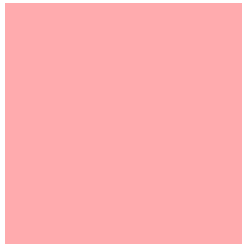
21.5861, 11.1238, 1.2052



2.1106, 1.0866, 0.1638

Previews

White Background



This preview shows how the XYZ color 63.4429, 53.4418, 47.0159 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 63.4429, 53.4418, 47.0159 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 63.4429, 53.4418, 47.0159

Background



This preview shows how black text looks on a background with the XYZ color 63.4429, 53.4418, 47.0159.



This preview shows how white text looks on a background with the XYZ color 63.4429, 53.4418,

47.0159.

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

63.4429, 53.4418, 47.0159

Protanopia

51.4861, 53.8272, 54.1305

Deuteranopia

54.6362, 53.6966, 46.0129



Tritanopia

64.1620, 53.4283, 51.7307

Trichromacy



Original Color

63.4429, 53.4418, 47.0159



Protanomaly

55.0059, 53.1354, 51.6130



Deuteranomaly

57.5745, 53.3499, 46.2928



Tritanomaly

63.8529, 53.3047, 50.1034

Monochromacy



Original Color

63.4429, 53.4418, 47.0159



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.4627, 53.9232, 55.0620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4429, 53.4418, 47.0159 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, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 174)  
}
```

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, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 174) }
```

Border

The CSS property to change the border of an element to XYZ 63.4429, 53.4418, 47.0159 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, 171, 174) }
```


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

```
.border{ border-color:rgb(255, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4429, 53.4418, 47.0159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 174) }
```

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

```
.background{ background-color: rgb(255,  
171, 174) }
```

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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