

Converting Colors

XYZ(64.0435, 54.9284, 47.8798)

Have a look what the booklet for
XYZ(64.0435, 54.9284, 47.8798)
contains.

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Color

**XYZ(63.9409, 54.8259,
47.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAFAF
RGB	254, 175, 175
RGB Percent	100%, 69%, 69%
CMY	0.0039, 0.3137, 0.3137
CMYK	0.00, 0.31, 0.31, 0.00
HSL	0°, 98%, 84%
HSV	0°, 31%, 100%
XYZ	63.9409, 54.8259, 47.7698
YIQ	198.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

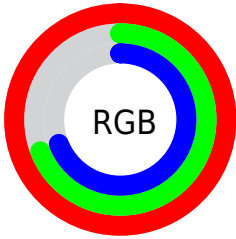
Format	Color
R _Y B	254, 175, 175
Decimal	16691119
CIE Lab	78.94, 28.88, 11.72
CIE LCh	79, 31.170, 22.087
Yxy	54.8259, 0.3839, 0.3292
Android (android.graphics.Color)	4294881199 (0xFFFEAF AF)
YUV	198.6210, -11.6452, 48.5674
Hunter-Lab	74.0445, 24.5652, 13.5802

Details

The XYZ color **63.9409, 54.8259, 47.7698** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.0092, 87.1504, 106.8453**, and the grayscale version is **54.1046, 56.9222, 61.9883**.

A 20% lighter version of the original color is **84.0988, 84.1250, 86.6682**, and **33.2996, 27.0849, 22.2117** is the 20% darker color. If you saturate the color by 10%, you get **57.1900, 44.9479, 34.3476**, and if you desaturate by 10%, it is **72.0936, 66.7561, 63.9752**.

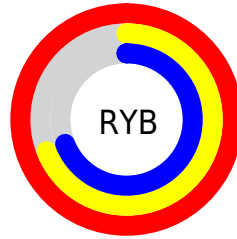
Distribution



Red (100%)

Green (69%)

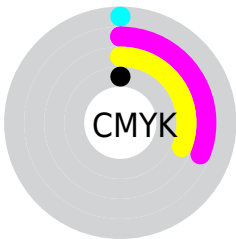
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

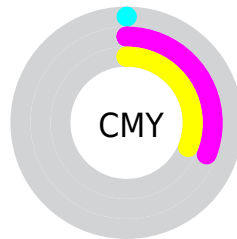


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9409, 54.8259, 47.7698 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 63.9409, 54.8259, 47.7698 by changing the saturation by 10% instead.


 63.9409, 54.8259,
47.7698

 63.9409, 54.8259,
47.7698


428.5818,
405.2516, 394.3613

 46.8643, 39.2623,
33.2859


 109.6000, 97.2858,
88.2235

 33.1359, 26.9639,
22.0727


138.9133,
124.9510, 115.0305

 22.3903, 17.5461,
13.7115


173.0361,
157.4188, 146.7822

 14.2622, 10.6246,
7.7838

212.3339,
195.0737, 183.8972

 8.3862, 5.8150,
3.8711

257.1720,
238.3000, 226.7941

 4.3969, 2.7329,
1.5549

307.9158,

 1.9290, 0.9939,

287.4822, 275.8914

0.2583

364.9306,
343.0046, 331.6076

■ 0.5936, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9409, 54.8259,
47.7698

■ 63.9409, 54.8259,
47.7698

■ 57.1900, 44.9479,
34.3476

■ 72.0936, 66.7561,
63.9752

■ 51.7579, 36.9991,
23.5491

■ 81.7162, 80.8367,
83.1047

■ 47.5598, 30.8559,
15.2037

■ 92.8777, 97.1689,
105.2935

■ 44.4989, 26.3768,
9.1192

94.6832, 99.8109,
108.8828

■ 42.4642, 23.3994,
5.0748

■ 41.3227, 21.7288,
2.8059

■ 40.8733, 21.0713,
1.9129

Harmonies

Analogous

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



64.8164, 54.8259, 64.5152



63.9409, 54.8259, 47.7698



59.7748, 54.8259, 36.6313

Triad

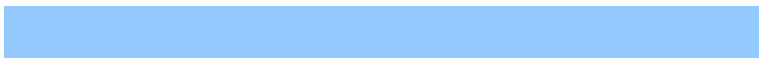
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9409, 54.8259, 47.7698



43.2694, 54.8259, 41.0979



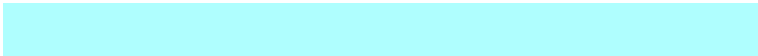
50.4882, 54.8259, 100.2439

Complementary

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



63.9409, 54.8259, 47.7698



71.0092, 87.1504, 106.8453

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.



45.1308, 54.8259, 90.8443



63.9409, 54.8259, 47.7698



41.1839, 54.8259, 55.1231

Square

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



63.9409, 54.8259, 47.7698



47.7601, 54.8259, 33.3446



41.8373, 54.8259, 73.4585



56.7170, 54.8259, 97.1986

Rectangle

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



63.9409, 54.8259, 47.7698



55.8593, 54.8259, 32.7718



41.8373, 54.8259, 73.4585



48.5331, 54.8259, 98.3788

Sweetspot

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



63.9424, 54.8285, 47.7709



84.6837, 84.8313, 88.2919



74.0928, 58.8871, 101.2274



17.7929, 17.6702, 18.2363



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.



63.9424, 54.8285, 47.7709



60.3271, 49.1906, 39.8718



72.7846, 72.5131, 50.7183



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



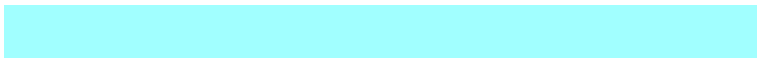
2.0982, 1.0817, 0.0982

Inverse Universe

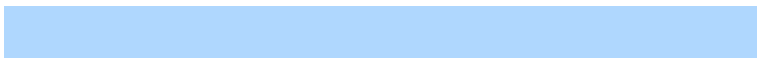
The Inverse Universe completely reimagines the original color for something new.



71.0092, 87.1504, 106.8453



68.4355, 86.2768, 107.6539



59.7424, 64.6169, 103.0897



18.5548, 20.4813, 23.2253



28.1141, 41.1379, 55.8932



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 63.9409, 54.8259, 47.7698 looks on a white background.

Color Contrast Check

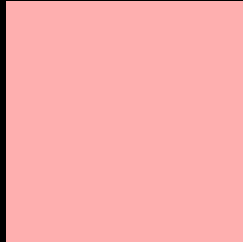
Large Text (above 18pt) WCAG AA × Fail

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 63.9409, 54.8259, 47.7698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

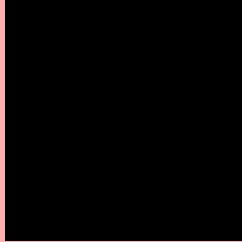
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9409, 54.8259, 47.7698

Background



This preview shows how black text looks on a background with the XYZ color 63.9409, 54.8259, 47.7698.



This preview shows how white text looks on a background with the XYZ color 63.9409, 54.8259,

47.7698.

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

63.9409, 54.8259, 47.7698

Protanopia

52.7352, 55.1319, 54.3165

Deuteranopia

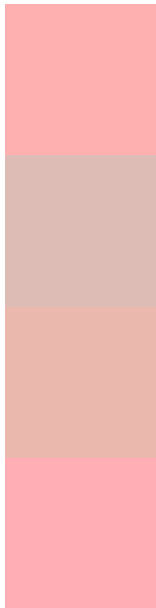
56.0754, 55.0617, 46.7022



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

63.9409, 54.8259, 47.7698

Protanomaly

56.2455, 54.7160, 51.8528

Deuteranomaly

58.6150, 54.7905, 47.0214

Tritanomaly

64.8195, 54.9095, 51.4382

Monochromacy



Original Color

63.9409, 54.8259, 47.7698

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9211, 55.6047, 56.4479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9409, 54.8259, 47.7698 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(254, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 175)  
}
```

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(254, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.9409, 54.8259, 47.7698 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(254, 175, 175) }
```


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

```
.border{ border-color:rgb(254, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9409, 54.8259, 47.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 175) }
```

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

```
.background{ background-color: rgb(254,  
175, 175) }
```

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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