

Converting Colors

XYZ(63.7662, 54.6884, 47.2263)

Have a look what the booklet for
XYZ(63.7662, 54.6884, 47.2263)
contains.

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Color

**XYZ(63.8430, 54.7868,
47.2544)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAFAE
RGB	254, 175, 174
RGB Percent	100%, 69%, 68%
CMY	0.0039, 0.3137, 0.3176
CMYK	0.00, 0.31, 0.31, 0.00
HSL	1°, 98%, 84%
HSV	1°, 31%, 100%
XYZ	63.8430, 54.7868, 47.2544
YIQ	198.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

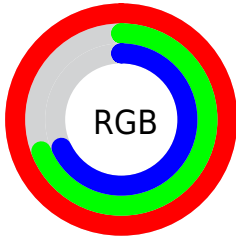
Format	Color
R_{YB}	254, 175, 174
Decimal	16691118
CIE Lab	78.92, 28.76, 12.23
CIE LCh	79, 31.249, 23.040
Yxy	54.7868, 0.3849, 0.3303
Android (android.graphics.Color)	4294881198 (0xFFFEAFAE)
YUV	198.5070, -12.0820, 48.6674
Hunter-Lab	74.0181, 24.4303, 13.9609

Details

The XYZ color **63.8430, 54.7868, 47.2544** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4689, 86.4018, 106.7291**, and the grayscale version is **54.0375, 56.8516, 61.9114**.

A 20% lighter version of the original color is **83.9588, 84.0690, 85.9306**, and **33.2373, 27.0600, 21.8837** is the 20% darker color. If you saturate the color by 10%, you get **57.1606, 45.0171, 33.9436**, and if you desaturate by 10%, it is **71.9031, 66.5621, 63.3355**.

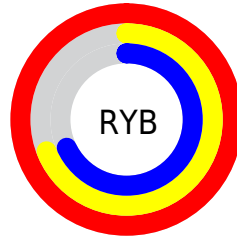
Distribution



Red (100%)

Green (69%)

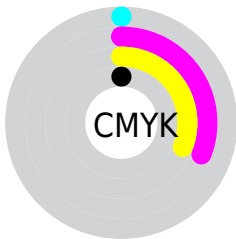
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

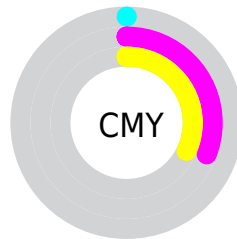


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8430, 54.7868, 47.2544 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 63.8430, 54.7868, 47.2544 by changing the saturation by 10% instead.


 63.8430, 54.7868,
47.2544

 63.8430, 54.7868,
47.2544

428.2337,
405.1033, 392.2522

 46.7847, 39.2311,
32.8810


 109.4598, 97.2285,
87.4472

 33.0727, 26.9395,
21.7650


138.7490,
124.8833, 114.1037

 22.3417, 17.5278,
13.4876


172.8460,
157.3398, 145.6916

 14.2262, 10.6115,
7.6305

212.1160,
194.9826, 182.6296

 8.3609, 5.8063,
3.7751

256.9244,
238.1959, 225.3361

 4.3805, 2.7276,
1.5028

307.6366,

 1.9196, 0.9912,

287.3642, 274.2297

0.2200

364.6179,
342.8718, 329.7289

■ 0.5882, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8430, 54.7868,
47.2544

■ 63.8430, 54.7868,
47.2544

■ 57.1606, 45.0171,
33.9436

■ 71.9031, 66.5621,
63.3355

■ 51.7749, 37.1340,
23.2437

■ 81.4073, 80.4377,
82.3275

■ 47.6029, 31.0181,
14.9843

■ 92.4230, 96.5117,
104.3655

■ 44.5506, 26.5333,
8.9731

94.6831, 99.8109,
108.8828

■ 42.5099, 23.5235,
4.9894

■ 41.3516, 21.8022,
2.7678

■ 40.9077, 21.1401,
1.9244

Harmonies

Analogous

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



64.8376, 54.7868, 63.8911



63.8430, 54.7868, 47.2544



59.5818, 54.7868, 36.3028

Triad

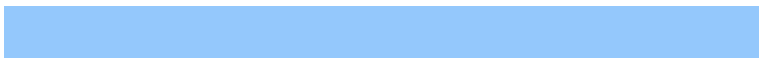
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.8430, 54.7868, 47.2544



43.1092, 54.7868, 41.3760



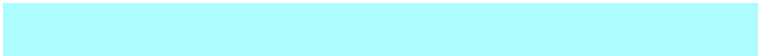
50.6406, 54.7868, 100.4084

Complementary

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



63.8430, 54.7868, 47.2544



70.4689, 86.4018, 106.7291

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.



45.2235, 54.7868, 91.3362



63.8430, 54.7868, 47.2544



41.1047, 54.7868, 55.6076

Square

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



63.8430, 54.7868, 47.2544



47.5417, 54.7868, 33.4095



41.8469, 54.7868, 74.0514



56.8839, 54.7868, 96.9484

Rectangle

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



63.8430, 54.7868, 47.2544



55.6319, 54.7868, 32.5744



41.8469, 54.7868, 74.0514



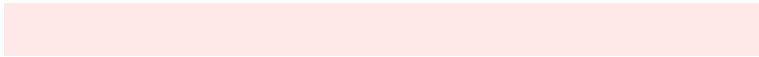
48.6696, 54.7868, 98.6719

Sweetspot

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



63.8445, 54.7894, 47.2555



84.7646, 84.9930, 88.3189



73.8988, 58.4992, 101.1626



17.8126, 17.7096, 18.2428



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.



63.8445, 54.7894, 47.2555



59.8730, 48.6378, 38.6253



72.5599, 72.2204, 50.1606



18.0277, 18.0236, 18.6731



21.5749, 11.1610, 1.0172



2.1068, 1.0990, 0.1011

Inverse Universe

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



70.4689, 86.4018, 106.7291



67.5430, 85.2447, 107.5017



59.3920, 64.2481, 103.0369



18.5342, 20.4399, 23.2184



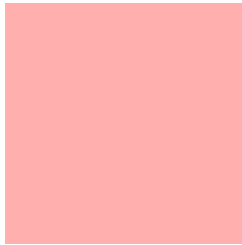
27.5961, 40.1018, 55.7205



2.6930, 3.9167, 5.4273

Previews

White Background



This preview shows how the XYZ color 63.8430, 54.7868, 47.2544 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 63.8430, 54.7868, 47.2544 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 63.8430, 54.7868, 47.2544

Background



This preview shows how black text looks on a background with the XYZ color 63.8430, 54.7868, 47.2544.



This preview shows how white text looks on a background with the XYZ color 63.8430, 54.7868,

47.2544.

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

63.8430, 54.7868, 47.2544

Protanopia

52.6292, 55.0896, 53.7584

Deuteranopia

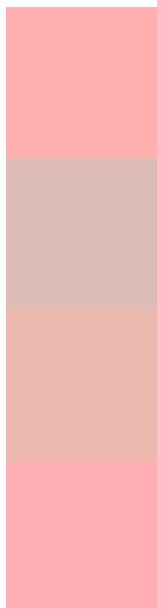
56.0754, 55.0617, 46.7022



Tritanopia

65.0465, 54.6923, 53.5827

Trichromacy



Original Color

63.8430, 54.7868, 47.2544

Protanomaly

56.1425, 54.6748, 51.3103

Deuteranomaly

58.6150, 54.7905, 47.0214

Tritanomaly

64.8195, 54.9095, 51.4382

Monochromacy



Original Color

63.8430, 54.7868, 47.2544

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 63.8430, 54.7868, 47.2544 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 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(254, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 174) }
```

Border

The CSS property to change the border of an element to XYZ 63.8430, 54.7868, 47.2544 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, 174) }
```


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

```
.border{ border-color:rgb(254, 175, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 174);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8430, 54.7868, 47.2544 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, 174) }
```

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

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