

Converting Colors

XYZ(60.8442, 52.6784, 46.4963)

Have a look what the booklet for
XYZ(60.8442, 52.6784, 46.4963)
contains.

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Color

**XYZ(60.8442, 52.6784,
46.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ADAD
RGB	247, 173, 173
RGB Percent	97%, 68%, 68%
CMY	0.0314, 0.3215, 0.3216
CMYK	0.00, 0.30, 0.30, 0.03
HSL	0°, 82%, 82%
HSV	0°, 30%, 97%
XYZ	60.8442, 52.6784, 46.4963
YIQ	195.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

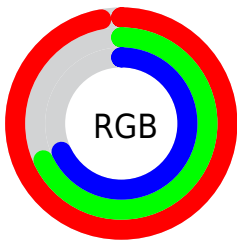
Format	Color
R _Y B	247, 173, 173
Decimal	16231853
CIE Lab	77.68, 27.11, 10.92
CIE LCh	78, 29.223, 21.937
Yxy	52.6784, 0.3802, 0.3292
Android (android.graphics.Color)	4294421933 (0xFF7ADAD)
YUV	195.1260, -10.9081, 45.4935
Hunter-Lab	72.5799, 22.6229, 12.8234

Details

The XYZ color **60.8442, 52.6784, 46.4963** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2819, 82.1186, 100.3004**, and the grayscale version is **51.9926, 54.7003, 59.5686**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **31.1539, 25.6322, 21.3947** is the 20% darker color. If you saturate the color by 10%, you get **54.3653, 43.1984, 33.6149**, and if you desaturate by 10%, it is **68.6431, 64.0909, 61.9986**.

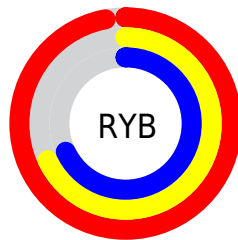
Distribution



Red (97%)

Green (68%)

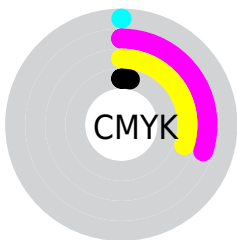
Blue (68%)



Red (97%)

Yellow (68%)

Blue (68%)

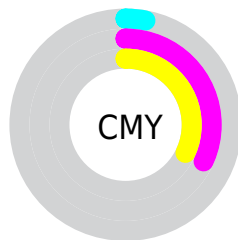


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (3%)



Cyan (3%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8442, 52.6784, 46.4963 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 60.8442, 52.6784, 46.4963 by changing the saturation by 10% instead.


 60.8442, 52.6784,
46.4963

 60.8442, 52.6784,
46.4963


417.4876,
397.0500, 389.1358

 44.3515, 37.5461,
32.2861


 105.1527, 94.1310,
86.3034

 31.1460, 25.6306,
21.3135


133.6992,
121.2200, 112.7373

 20.8624, 16.5475,
13.1599


166.9944,
153.0635, 144.0830

 13.1354, 9.9124,
7.4067

205.4036,
190.0457, 180.7589

 7.5995, 5.3409,
3.6355

249.2922,
232.5510, 223.1836

 3.8894, 2.4486,
1.4276

299.0254,

 1.6397, 0.8507,

280.9639, 271.7756

0.1631

354.9688,
335.6688, 326.9535

■ 0.4181, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8442, 52.6784,
46.4963

■ 60.8442, 52.6784,
46.4963

■ 54.3653, 43.1984,
33.6149

■ 68.6431, 64.0909,
61.9986

■ 49.1296, 35.5370,
23.2067

■ 77.8251, 77.5266,
80.2520

■ 45.0587, 29.5800,
15.1143

■ 88.4539, 93.0795,
101.3819

■ 42.0637, 25.1973,
9.1607

■ 92.1679, 98.5142,
108.7651

■ 40.0429, 22.2401,
5.1438

■ 38.8749, 20.5310,
2.8224

■ 38.3597, 19.7770,
1.7985

■ 38.3581, 19.7746,
1.7952

Harmonies

Analogous

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



61.6213, 52.6784, 61.8363



60.8442, 52.6784, 46.4963



57.0744, 52.6784, 36.1731

Triad

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



60.8442, 52.6784, 46.4963



41.9893, 52.6784, 40.2258



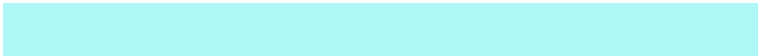
48.5599, 52.6784, 94.0318

Complementary

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



60.8442, 52.6784, 46.4963



67.2819, 82.1186, 100.3004

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.



43.6621, 52.6784, 85.5250



60.8442, 52.6784, 46.4963



40.0594, 52.6784, 53.1010

Square

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



60.8442, 52.6784, 46.4963



46.1172, 52.6784, 33.0559



40.6480, 52.6784, 69.7914



54.2408, 52.6784, 91.3518

Rectangle

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



60.8442, 52.6784, 46.4963



53.5159, 52.6784, 32.5600



40.6480, 52.6784, 69.7914



46.7738, 52.6784, 92.3368

Sweetspot

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



60.8456, 52.6809, 46.4974



84.6837, 84.8313, 88.2919



70.0903, 56.3773, 95.1838



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.



60.8456, 52.6809, 46.4974



61.0026, 50.1791, 41.2147



68.9477, 68.8850, 49.1980



16.4993, 16.4827, 17.1094



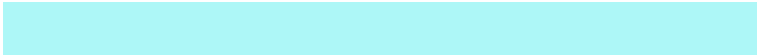
20.2863, 10.4582, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



67.2819, 82.1186, 100.3004



68.9533, 86.5439, 107.6782



57.0692, 61.6934, 96.8962



16.9967, 18.7577, 21.2673



26.4669, 38.7275, 52.6182



2.3262, 3.4038, 4.6246

Previews

White Background



This preview shows how the XYZ color 60.8442, 52.6784, 46.4963 looks on a white background.

Color Contrast Check

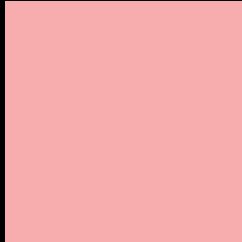
Large Text (above 18pt) WCAG AA × Fail

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 60.8442, 52.6784, 46.4963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

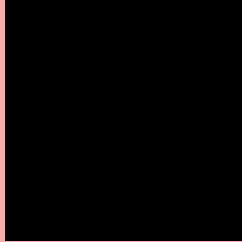
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8442, 52.6784, 46.4963

Background



This preview shows how black text looks on a background with the XYZ color 60.8442, 52.6784, 46.4963.



This preview shows how white text looks on a background with the XYZ color 60.8442, 52.6784,

46.4963.

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

60.8442, 52.6784, 46.4963

Protanopia

50.6856, 53.1239, 52.3823

Deuteranopia

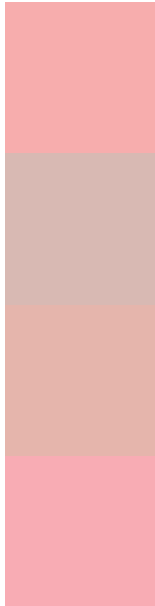
53.9131, 52.6983, 45.8583



Tritanopia

61.9260, 52.5430, 52.2254

Trichromacy



Original Color

60.8442, 52.6784, 46.4963

Protanomaly

53.8045, 52.5515, 49.9555

Deuteranomaly

56.2834, 52.6843, 46.2324

Tritanomaly

61.7021, 52.7568, 50.1110

Monochromacy



Original Color

60.8442, 52.6784, 46.4963

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4715, 53.4246, 54.4547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8442, 52.6784, 46.4963 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(247, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 173)  
}
```

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(247, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.8442, 52.6784, 46.4963 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(247, 173, 173) }
```


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

```
.border{ border-color:rgb(247, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8442, 52.6784, 46.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 173) }
```

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

```
.background{ background-color: rgb(247,  
173, 173) }
```

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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