

Converting Colors

XYZ(62.0599, 54.8840, 48.0103)

Have a look what the booklet for
XYZ(62.0599, 54.8840, 48.0103)
contains.

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Color

**XYZ(62.2157, 55.1095,
47.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B3AF
RGB	247, 179, 175
RGB Percent	97%, 70%, 69%
CMY	0.0314, 0.2980, 0.3137
CMYK	0.00, 0.28, 0.29, 0.03
HSL	3°, 82%, 83%
HSV	3°, 29%, 97%
XYZ	62.2157, 55.1095, 47.9155
YIQ	198.8760, 41.8120, 13.1720

Conversions

Conversions Part 2

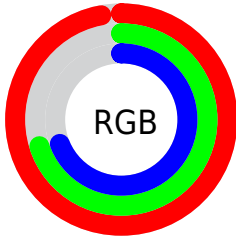
Format	Color
R _Y B	247, 179, 175
Decimal	16233391
CIE Lab	79.10, 24.20, 11.85
CIE LCh	79, 26.946, 26.083
Yxy	55.1095, 0.3765, 0.3335
Android (android.graphics.Color)	4294423471 (0xFFFF7B3AF)
YUV	198.8760, -11.7709, 42.2047
Hunter-Lab	74.2358, 19.6851, 13.6963

Details

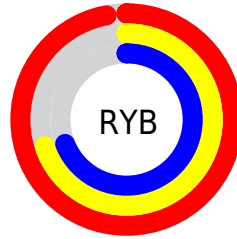
The XYZ color **62.2157, 55.1095, 47.9155** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5172, 79.9278, 99.9176**, and the grayscale version is **54.2633, 57.0893, 62.1702**.

A 20% lighter version of the original color is **85.3721, 86.4462, 87.7875**, and **32.0223, 27.1706, 22.2956** is the 20% darker color. If you saturate the color by 10%, you get **55.7220, 45.6557, 34.8571**, and if you desaturate by 10%, it is **69.9469, 66.3276, 63.5766**.

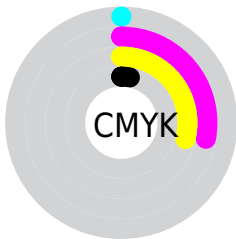
Distribution



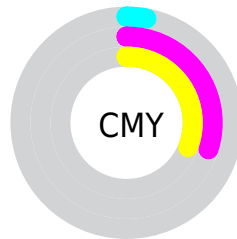
- Red (97%)
- Green (70%)
- Blue (69%)



- Red (97%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2157, 55.1095, 47.9155 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 62.2157, 55.1095, 47.9155 by changing the saturation by 10% instead.


 62.2157, 55.1095,
47.9155

 62.2157, 55.1095,
47.9155


422.4225,
406.3269, 394.9561

 45.4633, 39.4894,
33.4005


 107.1254, 97.7014,
88.4428

 32.0253, 27.1407,
22.1598

136.0134,
125.4419, 115.2922

 21.5365, 17.6789,
13.7749


169.6773,
157.9914, 147.0901

 13.6314, 10.7197,
7.8273

208.4824,
195.7343, 184.2550

 7.9447, 5.8787,
3.8985

252.7941,
239.0548, 227.2055

 4.1111, 2.7714,
1.5698

302.9778,

 1.7652, 1.0136,

288.3375, 276.3602

0.2691

359.3988,
343.9667, 332.1376

■ 0.4966, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2157, 55.1095,
47.9155

■ 62.2157, 55.1095,
47.9155

■ 55.7220, 45.6557,
34.8571

■ 69.9469, 66.3276,
63.5766

■ 50.3974, 37.8690,
24.2573

■ 78.9704, 79.3849,
81.9674

■ 46.1736, 31.6551,
15.9630

■ 89.3434, 94.3618,
103.2102

■ 42.9734, 26.9069,
9.8028

■ 92.1678, 98.5142,
108.7651

■ 40.7096, 23.5039,
5.5813

■ 39.2805, 21.3067,
3.0672

■ 38.5506, 20.1412,
1.9161

■ 38.5114, 20.0813,
1.8463

Harmonies

Analogous

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



63.3756, 55.1095, 62.0484



62.2157, 55.1095, 47.9155



58.3575, 55.1095, 38.6517

Triad

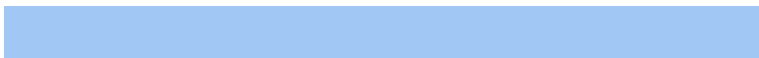
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2157, 55.1095, 47.9155



44.2673, 55.1095, 44.9656



51.6775, 55.1095, 94.6210

Complementary

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



62.2157, 55.1095, 47.9155



66.5172, 79.9278, 99.9176

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.



46.8251, 55.1095, 88.0534



62.2157, 55.1095, 47.9155



42.7358, 55.1095, 58.0067

Square

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



62.2157, 55.1095, 47.9155



47.9684, 55.1095, 37.1640



43.6396, 55.1095, 73.9738



57.0539, 55.1095, 90.6888

Rectangle

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



62.2157, 55.1095, 47.9155



54.9037, 55.1095, 35.6277



43.6396, 55.1095, 73.9738



49.9347, 55.1095, 93.5423

Sweetspot

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



62.2172, 55.1121, 47.9166



85.0441, 85.5520, 88.4120



69.9262, 56.9299, 92.4143



17.8806, 17.8458, 18.2655



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.



62.2172, 55.1121, 47.9166



62.6091, 53.0221, 42.8907



70.2947, 71.2671, 50.6091



16.5731, 16.6303, 17.1340



20.3986, 10.6827, 0.9868



1.8184, 0.9900, 0.0952

Inverse Universe

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



66.5172, 79.9278, 99.9176



67.9201, 83.6932, 107.1824



56.8781, 60.6496, 96.7046



16.9131, 18.5905, 21.2395



24.3641, 34.5220, 51.9173



2.1650, 3.0815, 4.5709

Previews

White Background



This preview shows how the XYZ color 62.2157, 55.1095, 47.9155 looks on a white background.

Color Contrast Check

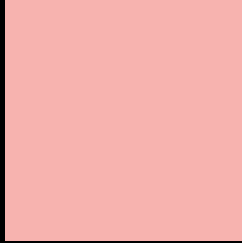
Large Text (above 18pt) WCAG AA × Fail

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 62.2157, 55.1095, 47.9155 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 62.2157, 55.1095, 47.9155

Background



This preview shows how black text looks on a background with the XYZ color 62.2157, 55.1095, 47.9155.



This preview shows how white text looks on a background with the XYZ color 62.2157, 55.1095,

47.9155.

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

62.2157, 55.1095, 47.9155

Protanopia

53.0203, 55.6371, 53.2920

Deuteranopia

56.4809, 55.2596, 47.2245



Tritanopia

64.0833, 55.3017, 56.0119

Trichromacy



Original Color

62.2157, 55.1095, 47.9155

Protanomaly

55.9674, 55.2232, 51.4254

Deuteranomaly

58.2677, 54.9097, 47.5720

Tritanomaly

63.3888, 55.3000, 53.2320

Monochromacy



Original Color

62.2157, 55.1095, 47.9155

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.4628, 56.0159, 56.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2157, 55.1095, 47.9155 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, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 179, 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(247, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.2157, 55.1095, 47.9155 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, 179, 175) }
```


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

```
.border{ border-color:rgb(247, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(247, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2157, 55.1095, 47.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 179, 175) }
```

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

```
.background{ background-color: rgb(247,  
179, 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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