

Converting Colors

XYZ(62.7573, 54.2117, 45.5101)

Have a look what the booklet for
XYZ(62.7573, 54.2117, 45.5101)
contains.

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Color

**XYZ(62.8255, 54.2957,
45.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAFAB
RGB	252, 175, 171
RGB Percent	99%, 69%, 67%
CMY	0.0118, 0.3137, 0.3294
CMYK	0.00, 0.31, 0.32, 0.01
HSL	3°, 93%, 83%
HSV	3°, 32%, 99%
XYZ	62.8255, 54.2957, 45.6969
YIQ	197.5670, 47.1760, 15.0800

Conversions

Conversions Part 2

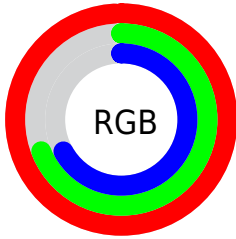
Format	Color
R _Y B	252, 175, 171
Decimal	16560043
CIE Lab	78.63, 27.64, 13.42
CIE LCh	79, 30.729, 25.898
Yxy	54.2957, 0.3859, 0.3335
Android (android.graphics.Color)	4294750123 (0xFFFCFAFAB)
YUV	197.5670, -13.0975, 47.7377
Hunter-Lab	73.6856, 23.2420, 14.8106

Details

The XYZ color **62.8255, 54.2957, 45.6969** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9313, 82.8178, 104.5005**, and the grayscale version is **53.4719, 56.2566, 61.2635**.

A 20% lighter version of the original color is **83.5434, 83.9028, 83.7432**, and **32.5374, 26.7203, 20.8954** is the 20% darker color. If you saturate the color by 10%, you get **56.3928, 44.9148, 32.8103**, and if you desaturate by 10%, it is **70.5459, 65.5188, 61.2730**.

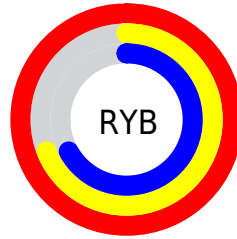
Distribution



Red (99%)

Green (69%)

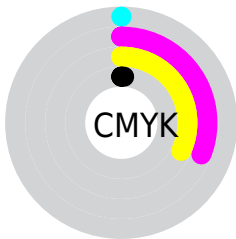
Blue (67%)



Red (99%)

Yellow (69%)

Blue (67%)

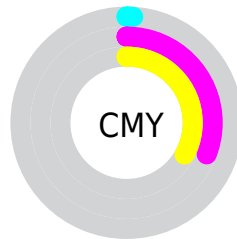


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8255, 54.2957, 45.6969 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 62.8255, 54.2957, 45.6969 by changing the saturation by 10% instead.


 62.8255, 54.2957,
45.6969

 62.8255, 54.2957,
45.6969

424.6056,
403.2366, 385.8309

 45.9582, 38.8381,
31.6598


 108.0009, 96.5083,
85.0947

 32.4173, 26.6338,
20.8391


137.0398,
124.0321, 111.2924

 21.8375, 17.2984,
12.8163


170.8665,
156.3467, 142.3808

 13.8535, 10.4475,
7.1730

209.8464,
193.8366, 178.7783

 8.0999, 5.6966,
3.4904

254.3450,
236.8861, 220.9036

 4.2113, 2.6615,
1.3502

304.7274,

 1.8223, 0.9577,

285.8797, 269.1750

0.1024

361.3592,
341.2018, 324.0113

■ 0.5311, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8255, 54.2957,
45.6969

■ 62.8255, 54.2957,
45.6969

■ 56.3928, 44.9148,
32.8103

■ 70.5459, 65.5188,
61.2730

■ 51.1738, 37.2705,
22.4580

■ 79.6143, 78.6669,
79.6753

■ 47.0934, 31.2584,
14.4737

■ 90.0924, 93.8272,
101.0355

■ 44.0665, 26.7598,
8.6703

■ 93.9549, 99.4354,
108.8487

■ 41.9960, 23.6399,
4.8323

■ 40.7668, 21.7401,
2.7002

■ 40.2820, 20.9697,
1.9245

Harmonies

Analogous

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



64.1358, 54.2957, 61.5407



62.8255, 54.2957, 45.6969



58.4258, 54.2957, 35.5493

Triad

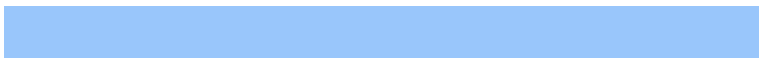
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.8255, 54.2957, 45.6969



42.5388, 54.2957, 42.2988



50.7765, 54.2957, 99.0865

Complementary

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



62.8255, 54.2957, 45.6969



67.9313, 82.8178, 104.5005

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.



45.3395, 54.2957, 91.3150



62.8255, 54.2957, 45.6969



40.8253, 54.2957, 56.7612

Square

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



62.8255, 54.2957, 45.6969



46.6781, 54.2957, 33.8739



41.8094, 54.2957, 74.9408



56.8700, 54.2957, 94.5454

Rectangle

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



62.8255, 54.2957, 45.6969



54.5007, 54.2957, 32.2800



41.8094, 54.2957, 74.9408



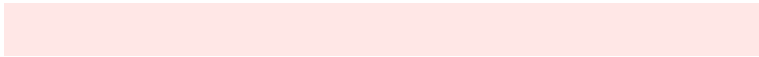
48.8165, 54.2957, 97.7925

Sweetspot

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



62.8269, 54.2983, 45.6980



83.9618, 83.9632, 86.2766



71.8537, 56.6800, 97.0213



17.6631, 17.5254, 17.8395



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.



62.8269, 54.2983, 45.6980



59.8548, 48.9492, 37.5465



71.5930, 71.8305, 48.6200



17.3134, 17.3627, 17.9012



21.0132, 10.9831, 1.0124



1.9697, 1.0642, 0.1016

Inverse Universe

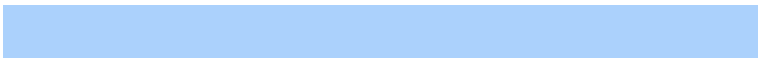
The Inverse Universe completely reimagines the original color for something new.



67.9313, 82.8178, 104.5005



65.8845, 82.6654, 107.0913



57.1171, 61.1895, 100.8958



17.6880, 19.4528, 22.2078



25.3469, 36.0493, 53.5958



2.3695, 3.3827, 4.9712

Previews

White Background



This preview shows how the XYZ color 62.8255, 54.2957, 45.6969 looks on a white background.

Color Contrast Check

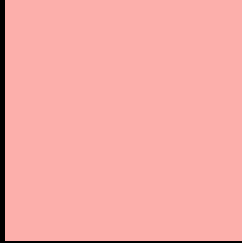
Large Text (above 18pt) WCAG AA × Fail

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 62.8255, 54.2957, 45.6969 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 62.8255, 54.2957, 45.6969

Background



This preview shows how black text looks on a background with the XYZ color 62.8255, 54.2957, 45.6969.



This preview shows how white text looks on a background with the XYZ color 62.8255, 54.2957,

45.6969.

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

62.8255, 54.2957, 45.6969

Protanopia

51.9894, 54.4763, 51.4909

Deuteranopia

55.5761, 54.5190, 45.1302



Tritanopia

64.3145, 54.3150, 53.5485

Trichromacy



Original Color

62.8255, 54.2957, 45.6969

Protanomaly

55.2213, 53.9306, 49.0941

Deuteranomaly

58.1209, 54.2617, 45.4405

Tritanomaly

63.9846, 54.4909, 50.8615

Monochromacy



Original Color

62.8255, 54.2957, 45.6969

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.4040, 55.3632, 55.2903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8255, 54.2957, 45.6969 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(252, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 175, 171)  
}
```

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(252, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 175, 171) }
```

Border

The CSS property to change the border of an element to XYZ 62.8255, 54.2957, 45.6969 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(252, 175, 171) }
```


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

```
.border{ border-color:rgb(252, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 175,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8255, 54.2957, 45.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 175, 171) }
```

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

```
.background{ background-color: rgb(252,  
175, 171) }
```

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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