

Converting Colors

XYZ(65.0449, 54.7218, 43.1968)

Have a look what the booklet for
XYZ(65.0449, 54.7218, 43.1968)
contains.

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Color

**XYZ(62.8755, 53.5182,
43.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACA6
RGB	255, 172, 166
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3255, 0.3490
CMYK	0.00, 0.33, 0.35, 0.00
HSL	4°, 100%, 83%
HSV	4°, 35%, 100%
XYZ	62.8755, 53.5182, 43.0925
YIQ	196.1330, 51.3940, 15.7300

Conversions

Conversions Part 2

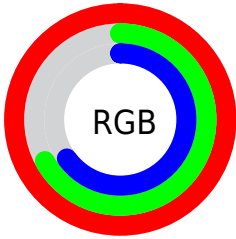
Format	Color
R _Y B	255, 172, 166
Decimal	16755878
CIE Lab	78.18, 29.72, 15.54
CIE LCh	78, 33.533, 27.607
Yxy	53.5182, 0.3942, 0.3356
Android (android.graphics.Color)	4294945958 (0xFFFFACA6)
YUV	196.1330, -14.8556, 51.6264
Hunter-Lab	73.1561, 25.3922, 16.2846

Details

The XYZ color **62.8755, 53.5182, 43.0925** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6502, 83.0752, 107.0773**, and the grayscale version is **52.6151, 55.3552, 60.2818**.

A 20% lighter version of the original color is **82.0345, 81.9673, 79.9042**, and **32.3990, 26.1443, 19.2583** is the 20% darker color. If you saturate the color by 10%, you get **56.6362, 44.4194, 30.5939**, and if you desaturate by 10%, it is **70.3909, 64.4270, 58.3056**.

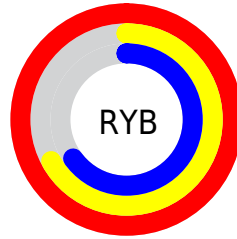
Distribution



Red (100%)

Green (67%)

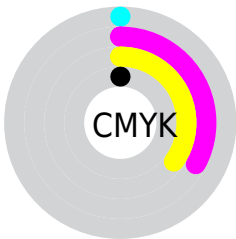
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

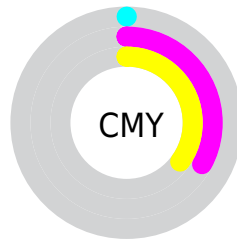


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8755, 53.5182, 43.0925 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 62.8755, 53.5182, 43.0925 by changing the saturation by 10% instead.


 62.8755, 53.5182,
43.0925


 62.8755, 53.5182,
43.0925


424.7844,
400.2701, 374.9244

 45.9988, 38.2166,
29.6258


 108.0727, 95.3665,
81.1383

 32.4495, 26.1508,
19.3051


 137.1239,
122.6819, 106.5544

 21.8622, 16.9365,
11.7119


170.9639,
154.7708, 136.7907

 13.8718, 10.1892,
6.4277

209.9581,
192.0175, 172.2658

 8.1126, 5.5246,
3.0339

254.4720,
234.8063, 213.3982

 4.2195, 2.5582,
1.1120

304.8707,

 1.8271, 0.9057,

283.5218, 260.6064

0.0000

361.5197,
338.5482, 314.3089

■ 0.5339, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8755, 53.5182,
43.0925

■ 62.8755, 53.5182,
43.0925

■ 56.6362, 44.4194,
30.5939

■ 70.3909, 64.4270,
58.3056

■ 51.5985, 37.0256,
20.6471

■ 79.2438, 77.2283,
76.3764

■ 47.6858, 31.2328,
13.0771

■ 89.4962, 92.0086,
97.4421

■ 44.8116, 26.9224,
7.6854

95.0500, 100.0000,
108.9000

■ 42.8761, 23.9594,
4.2412

■ 41.7602, 22.1841,
2.4618

■ 41.4437, 21.6673,
1.9979

Harmonies

Analogous

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



64.5301, 53.5182, 59.7926



62.8755, 53.5182, 43.0925



57.9238, 53.5182, 32.7950

Triad

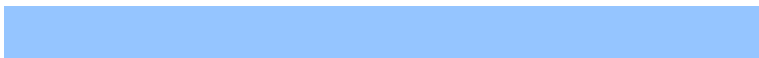
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.8755, 53.5182, 43.0925



40.9485, 53.5182, 40.9926



50.3429, 53.5182, 102.2966

Complementary

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



62.8755, 53.5182, 43.0925



67.6502, 83.0752, 107.0773

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.



44.4088, 53.5182, 94.3808



62.8755, 53.5182, 43.0925



39.2837, 53.5182, 56.7778

Square

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



62.8755, 53.5182, 43.0925



45.2467, 53.5182, 31.7782



40.4947, 53.5182, 76.6539



56.9354, 53.5182, 96.4750

Rectangle

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



62.8755, 53.5182, 43.0925



53.6210, 53.5182, 29.6457



40.4947, 53.5182, 76.6539



48.2098, 53.5182, 101.1227

Sweetspot

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



62.8768, 53.5207, 43.0935



84.0905, 84.2205, 86.3194



71.9857, 55.3766, 96.5718



17.6939, 17.5870, 17.8497



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.



62.8768, 53.5207, 43.0935



58.3198, 46.8798, 33.9504



72.7902, 73.3476, 46.3980



18.1078, 18.1837, 18.6998



21.6915, 11.3942, 1.0560



2.1448, 1.1750, 0.1138

Inverse Universe

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



67.6502, 83.0752, 107.0773



63.7424, 80.5021, 106.7866



55.5041, 58.7831, 103.0286



18.4438, 20.2591, 23.1883



25.4207, 35.7510, 54.9954



2.5054, 3.5416, 5.3648

Previews

White Background



This preview shows how the XYZ color 62.8755, 53.5182, 43.0925 looks on a white background.

Color Contrast Check

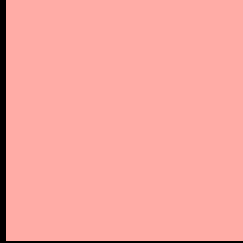
Large Text (above 18pt) WCAG AA × Fail

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 62.8755, 53.5182, 43.0925 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 62.8755, 53.5182, 43.0925

Background



This preview shows how black text looks on a background with the XYZ color 62.8755, 53.5182, 43.0925.



This preview shows how white text looks on a background with the XYZ color 62.8755, 53.5182,

43.0925.

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

62.8755, 53.5182, 43.0925

Protanopia

51.0932, 53.7318, 49.2733

Deuteranopia

54.6012, 53.4501, 42.0894



Tritanopia

64.1620, 53.4283, 51.7307

Trichromacy



Original Color

62.8755, 53.5182, 43.0925



Protanomaly

54.7106, 53.0872, 46.8985



Deuteranomaly

57.4857, 53.3903, 42.3975



Tritanomaly

63.7387, 53.5601, 48.5737

Monochromacy



Original Color

62.8755, 53.5182, 43.0925



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.1426, 53.7951, 53.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8755, 53.5182, 43.0925 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(255, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 166)  
}
```

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(255, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 62.8755, 53.5182, 43.0925 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(255, 172, 166) }
```


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

```
.border{ border-color:rgb(255, 172, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8755, 53.5182, 43.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 166) }
```

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

```
.background{ background-color: rgb(255,  
172, 166) }
```

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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