

Converting Colors

XYZ(62.3825, 52.8494, 49.0325)

Have a look what the booklet for
XYZ(62.3825, 52.8494, 49.0325)
contains.

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Color

**XYZ(62.3825, 52.8494,
49.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	FBABB2
RGB	251, 171, 178
RGB Percent	98%, 67%, 70%
CMY	0.0157, 0.3294, 0.3020
CMYK	0.00, 0.32, 0.29, 0.02
HSL	355°, 91%, 83%
HSV	355°, 32%, 98%
XYZ	62.3825, 52.8494, 49.0325
YIQ	195.7180, 45.4330, 19.1370

Conversions

Conversions Part 2

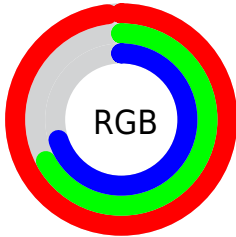
Format	Color
R_{YB}	251, 171, 178
Decimal	16493490
CIE _{Lab}	77.79, 30.27, 8.40
CIE _{LCh}	78, 31.416, 15.511
Yxy	52.8494, 0.3798, 0.3217
Android (android.graphics.Color)	4294683570 (0xFFFBABB2)
YUV	195.7180, -8.7350, 48.4823
Hunter-Lab	72.6976, 25.9518, 10.8989

Details

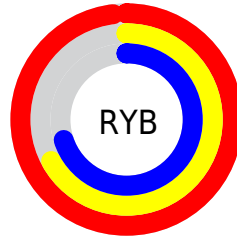
The XYZ color **62.3825, 52.8494, 49.0325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6233, 84.1853, 98.2776**, and the grayscale version is **52.3333, 55.0587, 59.9589**.

A 20% lighter version of the original color is **83.5604, 82.1387, 89.2921**, and **32.1724, 25.7750, 22.6814** is the 20% darker color. If you saturate the color by 10%, you get **55.9727, 43.4080, 36.4811**, and if you desaturate by 10%, it is **70.0794, 64.2498, 63.9085**.

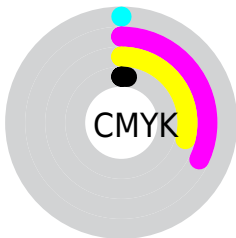
Distribution



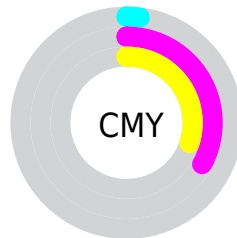
- Red (98%)
- Green (67%)
- Blue (70%)



- Red (98%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3825, 52.8494, 49.0325 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 62.3825, 52.8494, 49.0325 by changing the saturation by 10% instead.


 62.3825, 52.8494,
49.0325

 62.3825, 52.8494,
49.0325


423.0203,
397.7071, 399.4964

 45.5986, 37.6826,
34.2795


 107.3650, 94.3827,
90.1212

 32.1325, 25.7364,
22.8293


136.2943,
121.5180, 117.2940

 21.6187, 16.6265,
14.2634


170.0028,
153.4115, 149.4437

 13.6921, 9.9686,
8.1632


208.8558,
190.4477, 186.9890

 7.9871, 5.3781,
4.1103

253.2187,
233.0110, 230.3484

 4.1384, 2.4708,
1.6861

303.4568,

 1.7807, 0.8620,

281.4857, 279.9404

0.3512

359.9356,
336.2563, 336.1836

■ 0.5060, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3825, 52.8494,
49.0325

■ 62.3825, 52.8494,
49.0325

■ 55.9727, 43.4080,
36.4811

■ 70.0794, 64.2498,
63.9085

■ 50.7756, 35.8082,
26.1338

■ 79.1238, 77.7029,
81.2150

■ 46.7157, 29.9318,
17.8639

■ 89.5777, 93.3054,
101.0553

■ 43.7072, 25.6439,
11.5308

■ 93.5938, 99.2493,
108.8319

■ 41.6522, 22.7892,
6.9760

■ 40.4340, 21.1812,
4.0159

■ 39.9281, 20.5670,
2.6218

Harmonies

Analogous

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



62.4450, 52.8494, 66.3499



62.3825, 52.8494, 49.0325



58.8936, 52.8494, 36.7802

Triad

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



62.3825, 52.8494, 49.0325



42.3318, 52.8494, 37.0951



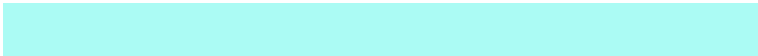
47.3584, 52.8494, 96.5086

Complementary

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



62.3825, 52.8494, 49.0325



67.6233, 84.1853, 98.2776

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.



42.4638, 52.8494, 84.9404



62.3825, 52.8494, 49.0325



39.7248, 52.8494, 49.5539

Square

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



62.3825, 52.8494, 49.0325



47.1645, 52.8494, 30.8985



39.7711, 52.8494, 66.9876



53.4292, 52.8494, 96.2901

Rectangle

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



62.3825, 52.8494, 49.0325



55.2443, 52.8494, 32.0999



39.7711, 52.8494, 66.9876



45.5320, 52.8494, 93.7814

Sweetspot

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



62.3839, 52.8519, 49.0336



83.9250, 83.3866, 87.8147



68.9393, 55.1481, 98.2783



17.6543, 17.3874, 18.2077



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.



62.3839, 52.8519, 49.0336



60.4196, 48.5221, 42.5339



68.4920, 66.1636, 47.6922



17.3062, 17.2498, 18.2023



21.0092, 10.8194, 1.4911



1.9661, 1.0102, 0.2450

Inverse Universe

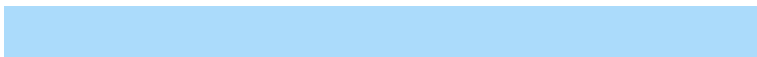
The Inverse Universe completely reimagines the original color for something new.



62.3839, 52.8519, 49.0336



60.4196, 48.5221, 42.5339



59.5409, 66.2882, 100.9239



17.3062, 17.2498, 18.2023



21.0092, 10.8194, 1.4911



1.9661, 1.0102, 0.2450

Previews

White Background



This preview shows how the XYZ color 62.3825, 52.8494, 49.0325 looks on a white background.

Color Contrast Check

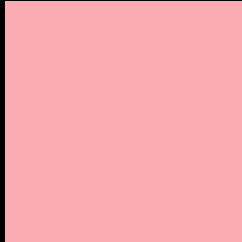
Large Text (above 18pt) WCAG AA × Fail

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 62.3825, 52.8494, 49.0325 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 62.3825, 52.8494, 49.0325

Background



This preview shows how black text looks on a background with the XYZ color 62.3825, 52.8494, 49.0325.



This preview shows how white text looks on a background with the XYZ color 62.3825, 52.8494,

49.0325.

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

62.3825, 52.8494, 49.0325

Protanopia

51.0609, 53.2437, 55.7300

Deuteranopia

54.2102, 53.1184, 47.9531



Tritanopia

63.0669, 52.8638, 51.6795

Trichromacy



Original Color

62.3825, 52.8494, 49.0325

Protanomaly

54.5127, 52.5355, 53.1662

Deuteranomaly

56.9935, 53.0053, 48.3015

Tritanomaly

62.8601, 52.7811, 50.5907

Monochromacy



Original Color

62.3825, 52.8494, 49.0325

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.2745, 53.8137, 55.6179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3825, 52.8494, 49.0325 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(251, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 171, 178)  
}
```

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(251, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 171, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.3825, 52.8494, 49.0325 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(251, 171, 178) }
```


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

```
.border{ border-color:rgb(251, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(251, 171,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3825, 52.8494, 49.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 171, 178) }
```

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

```
.background{ background-color: rgb(251,  
171, 178) }
```

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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