

Converting Colors

XYZ(65.0731, 54.9235, 51.8951)

Have a look what the booklet for
XYZ(65.0731, 54.9235, 51.8951)
contains.

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Color

**XYZ(64.9233, 54.9510,
51.9845)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEB7
RGB	255, 174, 183
RGB Percent	100%, 68%, 72%
CMY	0.0000, 0.3176, 0.2823
CMYK	0.00, 0.32, 0.28, 0.00
HSL	353°, 100%, 84%
HSV	353°, 32%, 100%
XYZ	64.9233, 54.9510, 51.9845
YIQ	199.2450, 45.3870, 19.9710

Conversions

Conversions Part 2

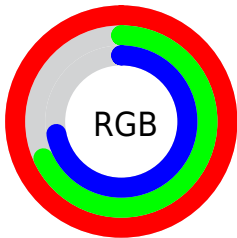
Format	Color
R_{YB}	255, 174, 183
Decimal	16756407
CIE _{Lab}	79.01, 30.80, 7.50
CIE _{LCh}	79, 31.704, 13.685
Yxy	54.9510, 0.3778, 0.3197
Android (android.graphics.Color)	4294946487 (0xFFFFAEB7)
YUV	199.2450, -8.0088, 48.8971
Hunter-Lab	74.1289, 26.6075, 10.3119

Details

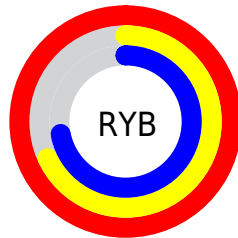
The XYZ color **64.9233, 54.9510, 51.9845** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.8524, 87.1736, 100.3376**, and the grayscale version is **54.4654, 57.3018, 62.4017**.

A 20% lighter version of the original color is **85.1168, 84.0856, 93.4054**, and **33.8926, 27.1568, 24.5745** is the 20% darker color. If you saturate the color by 10%, you get **58.2839, 45.1488, 39.0534**, and if you desaturate by 10%, it is **72.8806, 66.7805, 67.2308**.

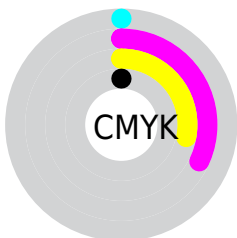
Distribution



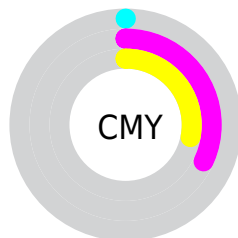
- Red (100%)
- Green (68%)
- Blue (72%)



- Red (100%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (32%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9233, 54.9510, 51.9845 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 64.9233, 54.9510, 51.9845 by changing the saturation by 10% instead.

 64.9233, 54.9510,
51.9845

 64.9233, 54.9510,
51.9845


432.0659,
405.7262, 411.3320

 47.6634, 39.3625,
36.6106


 111.0059, 97.4692,
94.5347

 33.7705, 27.0418,
24.6127


140.5593,
125.1676, 122.5481

 22.8794, 17.6046,
15.5723

174.9412,
157.6715, 155.6117

 14.6247, 10.6665,
9.0710

214.5169,
195.3652, 194.1441

 8.6410, 5.8431,
4.6901

259.6519,
238.6331, 238.5637

 4.5630, 2.7499,
2.0110

310.7115,

 2.0253, 1.0026,

287.8596, 289.2893

0.5621

368.0610,
343.4292, 346.7392

■ 0.6481, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9233, 54.9510,
51.9845

■ 64.9233, 54.9510,
51.9845

■ 58.2839, 45.1488,
39.0534

■ 72.8806, 66.7805,
67.2308

■ 52.8870, 37.2528,
28.3209

■ 82.2174, 80.7341,
84.8945

■ 48.6560, 31.1410,
19.6651

■ 92.9967, 96.9118,
105.0757

■ 45.5040, 26.6740,
12.9510

■ 95.0500, 100.0000,
108.9000

■ 43.3317, 23.6917,
8.0275

■ 42.0212, 22.0017,
4.7205

■ 41.4534, 21.3454,
3.0540

Harmonies

Analogous

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



64.7568, 54.9510, 70.1314



64.9233, 54.9510, 51.9845



61.5011, 54.9510, 38.9031

Triad

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



64.9233, 54.9510, 51.9845



44.2914, 54.9510, 38.0628



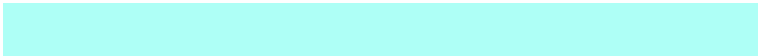
48.8953, 54.9510, 99.7477

Complementary

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



64.9233, 54.9510, 51.9845



69.8524, 87.1736, 100.3376

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.



43.9395, 54.9510, 87.1759



64.9233, 54.9510, 51.9845



41.4315, 54.9510, 50.5944

Square

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



64.9233, 54.9510, 51.9845



49.4119, 54.9510, 32.0289



41.3081, 54.9510, 68.4327



55.1518, 54.9510, 100.3292

Rectangle

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



64.9233, 54.9510, 51.9845



57.7932, 54.9510, 33.7833



41.3081, 54.9510, 68.4327



47.0345, 54.9510, 96.6849

Sweetspot

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



64.9247, 54.9535, 51.9856



84.0106, 83.4208, 88.2653



71.0359, 57.0063, 101.8671



17.6748, 17.3957, 18.3156



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.



64.9247, 54.9535, 51.9856



60.6323, 48.6072, 43.6543



70.7248, 68.0047, 49.4463



18.0914, 18.0199, 19.0983



21.6864, 11.1638, 1.7330



2.1369, 1.0971, 0.3024

Inverse Universe

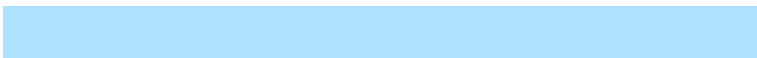
The Inverse Universe completely reimagines the original color for something new.



64.9247, 54.9535, 51.9856



60.6323, 48.6072, 43.6543



62.1499, 69.5052, 104.7479



18.0914, 18.0199, 19.0983



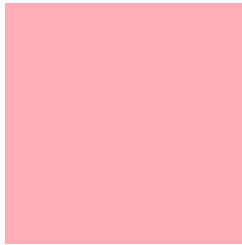
21.6864, 11.1638, 1.7330



2.1369, 1.0971, 0.3024

Previews

White Background



This preview shows how the XYZ color 64.9233, 54.9510, 51.9845 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 64.9233, 54.9510, 51.9845 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 64.9233, 54.9510, 51.9845

Background



This preview shows how black text looks on a background with the XYZ color 64.9233, 54.9510, 51.9845.



This preview shows how white text looks on a background with the XYZ color 64.9233, 54.9510,

51.9845.

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

64.9233, 54.9510, 51.9845

Protanopia

53.1849, 55.2497, 59.4909

Deuteranopia

56.2546, 55.0626, 50.8432



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

64.9233, 54.9510, 51.9845

Protanomaly

56.6895, 54.5179, 56.8254

Deuteranomaly

59.0853, 54.9408, 51.2066

Tritanomaly

65.2390, 55.0773, 53.6469

Monochromacy



Original Color

64.9233, 54.9510, 51.9845

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.2525, 55.7372, 58.1929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9233, 54.9510, 51.9845 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, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 183)  
}
```

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, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 64.9233, 54.9510, 51.9845 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, 174, 183) }
```


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

```
.border{ border-color:rgb(255, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9233, 54.9510, 51.9845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 183) }
```

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

```
.background{ background-color: rgb(255,  
174, 183) }
```

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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