

Converting Colors

XYZ(64.4954, 53.2668, 54.4551)

Have a look what the booklet for
XYZ(64.4954, 53.2668, 54.4551)
contains.

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Color

**XYZ(64.5051, 53.2668,
54.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9BC
RGB	255, 169, 188
RGB Percent	100%, 66%, 74%
CMY	0.0000, 0.3372, 0.2627
CMYK	0.00, 0.34, 0.26, 0.00
HSL	347°, 100%, 83%
HSV	347°, 34%, 100%
XYZ	64.5051, 53.2668, 54.4587
YIQ	196.8800, 45.1570, 24.1410

Conversions

Conversions Part 2

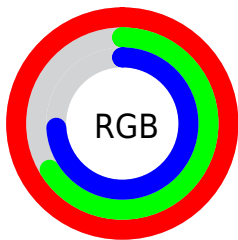
Format	Color
R_{YB}	255, 169, 188
Decimal	16755132
CIE _{Lab}	78.03, 34.08, 3.37
CIE _{LCh}	78, 34.250, 5.643
Yxy	53.2668, 0.3745, 0.3093
Android (android.graphics.Color)	4294945212 (0xFFFFA9BC)
YUV	196.8800, -4.3778, 50.9712
Hunter-Lab	72.9841, 30.0404, 6.8483

Details

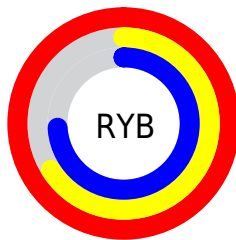
The XYZ color **64.5051, 53.2668, 54.4587** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2647, 86.0122, 92.4177**, and the grayscale version is **53.0063, 55.7667, 60.7300**.

A 20% lighter version of the original color is **84.4943, 81.6421, 96.8931**, and **33.6445, 26.1104, 26.1882** is the 20% darker color. If you saturate the color by 10%, you get **58.2190, 43.8895, 42.5142**, and if you desaturate by 10%, it is **72.0137, 64.6170, 68.2666**.

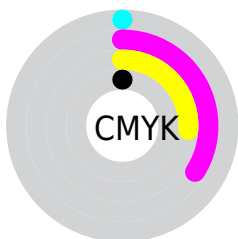
Distribution



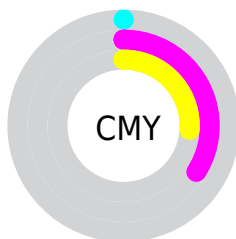
- Red (100%)
- Green (66%)
- Blue (74%)



- Red (100%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5051, 53.2668, 54.4587 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 64.5051, 53.2668, 54.4587 by changing the saturation by 10% instead.

 64.5051, 53.2668,
54.4587

 64.5051, 53.2668,
54.4587


430.5847,
399.3079, 421.0807


 47.3231, 38.0158,
38.5728


 110.4077, 94.9968,
98.2106


 33.5002, 25.9950,
26.1223


 139.8591,
122.2447, 126.9137

 22.6709, 16.8199,
16.6886


 174.1309,
154.2602, 160.7263

 14.4701, 10.1061,
9.8531

 213.5885,
191.4279, 200.0670

 8.5322, 5.4694,
5.1973

 258.5974,
234.1322, 245.3542

 4.4920, 2.5252,
2.3027

 309.5228,

 1.9841, 0.8892,

282.7573, 297.0065

0.7328

366.7302,
337.6877, 355.4425

■ 0.6250, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5051, 53.2668,
54.4587

■ 64.5051, 53.2668,
54.4587

■ 58.2190, 43.8895,
42.5142

■ 72.0137, 64.6170,
68.2666

■ 53.0856, 36.3650,
32.3488

■ 80.8019, 78.0366,
84.0107

■ 49.0338, 30.5714,
23.8765

■ 90.9277, 93.6244,
101.7637

■ 45.9827, 26.3691,
17.0023

95.0500, 100.0000,
108.9000

■ 43.8397, 23.5968,
11.6214

■ 42.4933, 22.0579,
7.6151

■ 41.9618, 21.5487,
5.7310

Harmonies

Analogous

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



63.2439, 53.2668, 74.5172



64.5051, 53.2668, 54.4587



61.7914, 53.2668, 39.1074

Triad

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



64.5051, 53.2668, 54.4587



43.5116, 53.2668, 32.9619



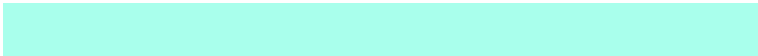
45.5176, 53.2668, 98.3421

Complementary

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



64.5051, 53.2668, 54.4587



67.2647, 86.0122, 92.4177

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.



40.8981, 53.2668, 82.1633



64.5051, 53.2668, 54.4587



39.8132, 53.2668, 44.1214

Square

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



64.5051, 53.2668, 54.4587



49.3769, 53.2668, 28.5704



38.9000, 53.2668, 61.6884



51.9010, 53.2668, 102.8068

Rectangle

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



64.5051, 53.2668, 54.4587



58.2226, 53.2668, 32.6383



38.9000, 53.2668, 61.6884



43.7252, 53.2668, 93.9428

Sweetspot

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



64.5064, 53.2692, 54.4598



84.4124, 83.5816, 90.3816



66.4786, 53.2494, 101.3821



17.7713, 17.4342, 18.8235



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.



64.5064, 53.2692, 54.4598



60.4213, 47.1585, 46.7490



67.2381, 61.7969, 45.9235



18.1736, 18.0528, 19.5314



21.9711, 11.2777, 3.2323



2.1779, 1.1136, 0.5185

Inverse Universe

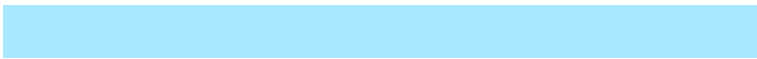
The Inverse Universe completely reimagines the original color for something new.



64.5064, 53.2692, 54.4598



60.4213, 47.1585, 46.7490



63.2895, 73.4075, 105.4411



18.1736, 18.0528, 19.5314



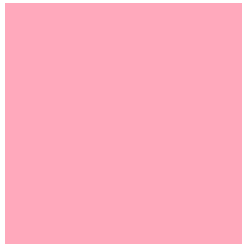
21.9711, 11.2777, 3.2323



2.1779, 1.1136, 0.5185

Previews

White Background



This preview shows how the XYZ color 64.5051, 53.2668, 54.4587 looks on a white background.

Color Contrast Check

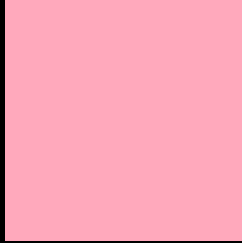
Large Text (above 18pt) WCAG AA × Fail

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 64.5051, 53.2668, 54.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

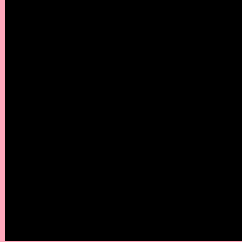
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5051, 53.2668, 54.4587

Background



This preview shows how black text looks on a background with the XYZ color 64.5051, 53.2668, 54.4587.



This preview shows how white text looks on a background with the XYZ color 64.5051, 53.2668,

54.4587.

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

64.5051, 53.2668, 54.4587

Protanopia

51.6404, 53.3857, 62.8411

Deuteranopia

54.5516, 53.4905, 53.3485



Tritanopia

63.7950, 53.2392, 51.7136

Trichromacy



Original Color

64.5051, 53.2668, 54.4587



Protanomaly

55.4232, 52.8654, 59.5075



Deuteranomaly

57.8173, 53.0107, 53.6392



Tritanomaly

64.0047, 53.3231, 52.8179

Monochromacy



Original Color

64.5051, 53.2668, 54.4587



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.4214, 54.3411, 58.5541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5051, 53.2668, 54.4587 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, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 188)  
}
```

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, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 188) }
```

Border

The CSS property to change the border of an element to XYZ 64.5051, 53.2668, 54.4587 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, 169, 188) }
```


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

```
.border{ border-color:rgb(255, 169, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5051, 53.2668, 54.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 188) }
```

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

```
.background{ background-color: rgb(255,  
169, 188) }
```

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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