

Converting Colors

XYZ(84.3651, 64.1103, 53.1999)

Have a look what the booklet for
XYZ(84.3651, 64.1103, 53.1999)
contains.

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Color

**XYZ(64.4546, 53.8465,
52.3437)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABB8
RGB	255, 171, 184
RGB Percent	100%, 67%, 72%
CMY	0.0000, 0.3294, 0.2784
CMYK	0.00, 0.33, 0.28, 0.00
HSL	351°, 100%, 84%
HSV	351°, 33%, 100%
XYZ	64.4546, 53.8465, 52.3437
YIQ	197.5980, 45.8910, 21.8510

Conversions

Conversions Part 2

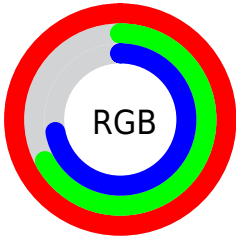
Format	Color
R _Y B	255, 171, 184
Decimal	16755640
CIE Lab	78.37, 32.50, 6.04
CIE LCh	78, 33.060, 10.520
Yxy	53.8465, 0.3777, 0.3155
Android (android.graphics.Color)	4294945720 (0xFFFFABB8)
YUV	197.5980, -6.7038, 50.3416
Hunter-Lab	73.3802, 28.3729, 9.0733

Details

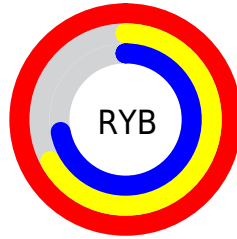
The XYZ color **64.4546, 53.8465, 52.3437** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5838, 86.5898, 97.1073**, and the grayscale version is **53.4537, 56.2375, 61.2426**.

A 20% lighter version of the original color is **84.4373, 82.4894, 93.9098**, and **33.6011, 26.4659, 24.8102** is the 20% darker color. If you saturate the color by 10%, you get **58.0043, 44.2905, 39.8826**, and if you desaturate by 10%, it is **72.1811, 65.4034, 66.9299**.

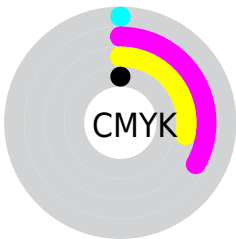
Distribution



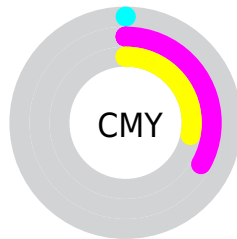
- Red (100%)
- Green (67%)
- Blue (72%)



- Red (100%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4546, 53.8465, 52.3437 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 64.4546, 53.8465, 52.3437 by changing the saturation by 10% instead.

64.4546, 53.8465,
52.3437

64.4546, 53.8465,
52.3437

430.4057,
401.5244, 412.7567

47.2820, 38.4790,
36.8950

110.3355, 95.8488,
95.0697

33.4675, 26.3546,
24.8310

139.7744,
123.2524, 123.1840

22.6458, 17.0891,
15.7333

174.0330,
155.4368, 156.3573

14.4514, 10.2981,
9.1834

213.4763,
192.7863, 195.0080

8.5191, 5.5970,
4.7625

258.4699,
235.6855, 239.5548

4.4835, 2.6016,
2.0523

309.3791,

1.9791, 0.9275,

284.5186, 290.4161

0.5872

366.5693,
339.6701, 348.0106

■ 0.6222, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4546, 53.8465,
52.3437

■ 64.4546, 53.8465,
52.3437

■ 58.0043, 44.2905,
39.8826

■ 72.1811, 65.4034,
66.9299

■ 52.7569, 36.6144,
29.4437

■ 81.2435, 79.0582,
83.7311

■ 48.6379, 30.6958,
20.9203

■ 91.7027, 94.9105,
102.8358

■ 45.5628, 26.3948,
14.1946

95.0500, 100.0000,
108.9000

■ 43.4348, 23.5498,
9.1352

■ 42.1382, 21.9655,
5.5922

■ 41.6137, 21.4095,
3.8980

Harmonies

Analogous

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



63.8680, 53.8465, 71.3728



64.4546, 53.8465, 52.3437



61.2634, 53.8465, 38.3408

Triad

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



64.4546, 53.8465, 52.3437



43.4926, 53.8465, 35.4430



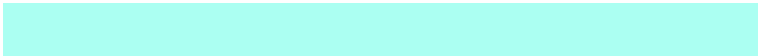
47.1300, 53.8465, 99.1871

Complementary

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



64.4546, 53.8465, 52.3437



68.5838, 86.5898, 97.1073

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.



42.2677, 53.8465, 85.0489



64.4546, 53.8465, 52.3437



40.2937, 53.8465, 47.5015

Square

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



64.4546, 53.8465, 52.3437



48.9348, 53.8465, 30.0448



39.8650, 53.8465, 65.3998



53.4918, 53.8465, 101.2527

Rectangle

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



64.4546, 53.8465, 52.3437



57.5692, 53.8465, 32.6975



39.8650, 53.8465, 65.3998



45.2810, 53.8465, 95.5671

Sweetspot

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



64.4560, 53.8490, 52.3448



84.1695, 83.4844, 89.1025



68.8901, 55.0492, 101.6024



17.7130, 17.4109, 18.5164



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.



64.4560, 53.8490, 52.3448



59.7721, 46.8988, 43.3302



69.0157, 65.0494, 47.4496



18.1239, 18.0329, 19.2697



21.7779, 11.2005, 2.2150



2.1522, 1.1032, 0.3827

Inverse Universe

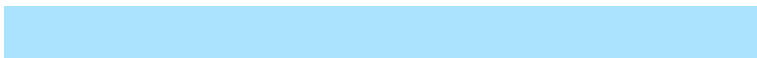
The Inverse Universe completely reimagines the original color for something new.



64.4560, 53.8490, 52.3448



59.7721, 46.8988, 43.3302



62.3157, 70.8180, 104.9926



18.1239, 18.0329, 19.2697



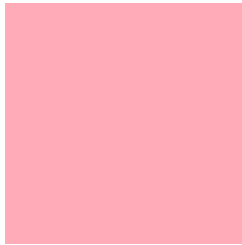
21.7779, 11.2005, 2.2150



2.1522, 1.1032, 0.3827

Previews

White Background



This preview shows how the XYZ color 64.4546, 53.8465, 52.3437 looks on a white background.

Color Contrast Check

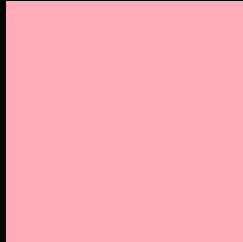
Large Text (above 18pt) WCAG AA × Fail

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 64.4546, 53.8465, 52.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

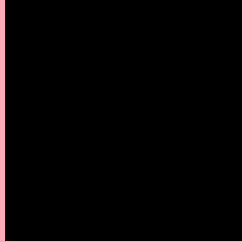
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4546, 53.8465, 52.3437

Background



This preview shows how black text looks on a background with the XYZ color 64.4546, 53.8465, 52.3437.



This preview shows how white text looks on a background with the XYZ color 64.4546, 53.8465,

52.3437.

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

64.4546, 53.8465, 52.3437

Protanopia

52.1740, 54.0415, 60.5045

Deuteranopia

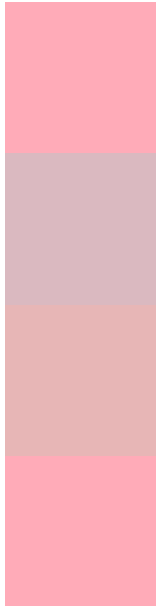
55.2372, 54.2081, 51.2680



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

64.4546, 53.8465, 52.3437

Protanomaly

55.7768, 53.4091, 57.2384

Deuteranomaly

58.1264, 53.8222, 51.5811

Tritanomaly

64.4546, 53.8465, 52.3437

Monochromacy



Original Color

64.4546, 53.8465, 52.3437

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.8223, 54.8768, 58.0495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4546, 53.8465, 52.3437 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, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 184)  
}
```

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, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 64.4546, 53.8465, 52.3437 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, 171, 184) }
```


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

```
.border{ border-color:rgb(255, 171, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4546, 53.8465, 52.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 184) }
```

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

```
.background{ background-color: rgb(255,  
171, 184) }
```

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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