

Converting Colors

XYZ(85.7039, 61.3608, 55.1740)

Have a look what the booklet for
XYZ(85.7039, 61.3608, 55.1740)
contains.

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Color

**XYZ(62.5440, 49.3446,
53.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EBC
RGB	255, 158, 188
RGB Percent	100%, 62%, 74%
CMY	0.0000, 0.3804, 0.2627
CMYK	0.00, 0.38, 0.26, 0.00
HSL	341°, 100%, 81%
HSV	341°, 38%, 100%
XYZ	62.5440, 49.3446, 53.8050
YIQ	190.4230, 48.1820, 29.8940

Conversions

Conversions Part 2

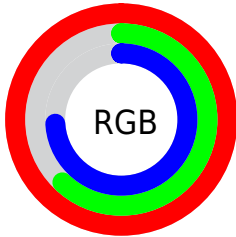
Format	Color
R _Y B	255, 158, 188
Decimal	16752316
CIE Lab	75.67, 39.79, -0.08
CIE LCh	76, 39.788, 359.891
Yxy	49.3446, 0.3775, 0.2978
Android (android.graphics.Color)	4294942396 (0xFFFF9EBC)
YUV	190.4230, -1.1945, 56.6340
Hunter-Lab	70.2457, 35.9993, 3.7586

Details

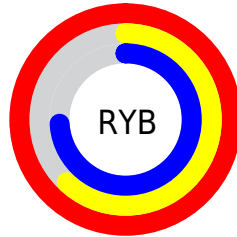
The XYZ color **62.5440, 49.3446, 53.8050** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.4532, 84.2263, 84.1511**, and the grayscale version is **49.1759, 51.7368, 56.3414**.

A 20% lighter version of the original color is **81.6157, 75.8848, 95.9336**, and **32.1897, 23.5882, 25.7781** is the 20% darker color. If you saturate the color by 10%, you get **56.8525, 40.8172, 43.1044**, and if you desaturate by 10%, it is **69.3721, 59.7739, 66.0291**.

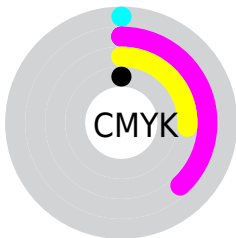
Distribution



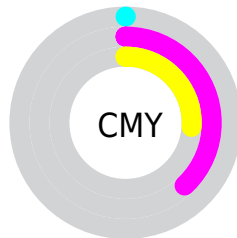
- Red (100%)
- Green (62%)
- Blue (74%)



- Red (100%)
- Yellow (62%)
- Blue (74%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5440, 49.3446, 53.8050 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 62.5440, 49.3446, 53.8050 by changing the saturation by 10% instead.


 62.5440, 49.3446,
53.8050


 62.5440, 49.3446,
53.8050

423.5987,
384.0974, 418.5196

 45.7297, 34.8929,
38.0537


 107.5969, 89.2030,
97.2414

 32.2363, 23.5804,
25.7222


 136.5662,
115.3786, 125.7635

 21.6985, 15.0227,
16.3920


170.3178,
146.2309, 159.3797

 13.7509, 8.8353,
9.6446

209.2171,
182.1443, 198.5084

 8.0281, 4.6339,
5.0615

253.6295,
223.5033, 243.5682

 4.1649, 2.0341,
2.2240


303.9203,

 1.7958, 0.6272,


270.6922, 294.9776


0.6882


360.4549,
324.0954, 353.1552


 0.5152, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 62.5440, 49.3446,
53.8050


 62.5440, 49.3446,
53.8050


 56.8525, 40.8172,
43.1044


 69.3721, 59.7739,
66.0291

 52.2294, 34.0692,
33.8617

 77.3924, 72.2043,
79.8324

 48.6045, 28.9742,
26.0109

 86.6612, 86.7361,
95.2712

 45.8975, 25.3862,
19.4787

95.0500, 100.0000,
108.9000

■ 44.0140, 23.1331,
14.1840

■ 42.8294, 21.9827,
10.0314

■ 42.6461, 21.8224,
9.3343

Harmonies

Analogous

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



60.2564, 49.3446, 76.7627



62.5440, 49.3446, 53.8050



60.2882, 49.3446, 35.9365

Triad

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



62.5440, 49.3446, 53.8050



40.1879, 49.3446, 25.6675



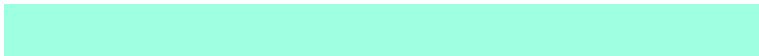
40.1459, 49.3446, 97.0310

Complementary

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



62.5440, 49.3446, 53.8050



63.4532, 84.2263, 84.1511

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.



35.6579, 49.3446, 76.5935



62.5440, 49.3446, 53.8050



35.6803, 49.3446, 35.8345

Square

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



62.5440, 49.3446, 53.8050



46.9275, 49.3446, 22.5080



34.1107, 49.3446, 53.6508



46.8737, 49.3446, 105.3790

Rectangle

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



62.5440, 49.3446, 53.8050



56.6337, 49.3446, 28.2849



34.1107, 49.3446, 53.6508



38.3518, 49.3446, 91.1223

Sweetspot

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



62.5452, 49.3469, 53.8060



83.7812, 82.2051, 90.5224



61.1070, 47.5689, 100.5688



17.6587, 17.1652, 18.9210



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.



62.5452, 49.3469, 53.8060



57.9229, 42.4060, 45.1634



62.8961, 54.6968, 39.5933



18.2407, 18.0796, 19.8845



22.3419, 11.4261, 5.1850



2.2219, 1.1311, 0.7498

Inverse Universe

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



62.5452, 49.3469, 53.8060



57.9229, 42.4060, 45.1634



62.4992, 75.1844, 105.8257



18.2407, 18.0796, 19.8845



22.3419, 11.4261, 5.1850



2.2219, 1.1311, 0.7498

Previews

White Background



This preview shows how the XYZ color 62.5440, 49.3446, 53.8050 looks on a white background.

Color Contrast Check

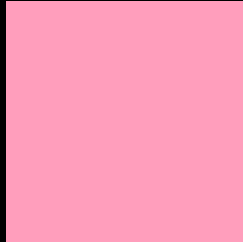
Large Text (above 18pt) WCAG AA × Fail

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 62.5440, 49.3446, 53.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

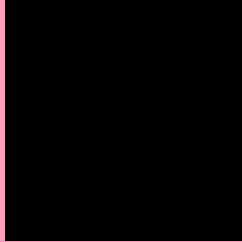
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5440, 49.3446, 53.8050

Background



This preview shows how black text looks on a background with the XYZ color 62.5440, 49.3446, 53.8050.



This preview shows how white text looks on a background with the XYZ color 62.5440, 49.3446,

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

62.5440, 49.3446, 53.8050

Protanopia

48.5859, 49.8399, 64.8169

Deuteranopia

50.6292, 49.6303, 52.2585



Tritanopia

60.7957, 49.3895, 45.8640

Trichromacy



Original Color

62.5440, 49.3446, 53.8050



Protanomaly

52.4125, 48.8758, 60.7044



Deuteranomaly

54.4410, 49.2372, 52.5333



Tritanomaly

61.4797, 49.4268, 48.4195

Monochromacy



Original Color

62.5440, 49.3446, 53.8050



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.8373, 49.8111, 54.9738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5440, 49.3446, 53.8050 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, 158, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.5440, 49.3446, 53.8050 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, 158, 188) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5440, 49.3446, 53.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 188) }
```

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

```
.background{ background-color: rgb(255,  
158, 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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