

Converting Colors

XYZ(62.7230, 51.3803, 48.6928)

Have a look what the booklet for
XYZ(62.7230, 51.3803, 48.6928)
contains.

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Color

**XYZ(62.7310, 51.3846,
48.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5B2
RGB	255, 165, 178
RGB Percent	100%, 65%, 70%
CMY	0.0000, 0.3529, 0.3020
CMYK	0.00, 0.35, 0.30, 0.00
HSL	351°, 100%, 82%
HSV	351°, 35%, 100%
XYZ	62.7310, 51.3846, 48.7314
YIQ	193.3920, 49.4670, 23.1230

Conversions

Conversions Part 2

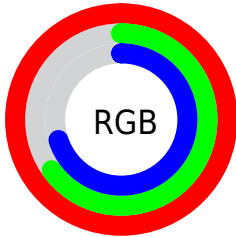
Format	Color
R_{YB}	255, 165, 178
Decimal	16754098
CIE _{Lab}	76.91, 34.85, 7.21
CIE _{LCh}	77, 35.587, 11.686
Yxy	51.3846, 0.3852, 0.3155
Android (android.graphics.Color)	4294944178 (0xFFFFA5B2)
YUV	193.3920, -7.5883, 54.0302
Hunter-Lab	71.6831, 30.7629, 9.8718

Details

The XYZ color **62.7310, 51.3846, 48.7314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3062, 85.9312, 97.0476**, and the grayscale version is **50.9433, 53.5963, 58.3664**.

A 20% lighter version of the original color is **81.9477, 78.9134, 88.7546**, and **32.2608, 24.8048, 22.4895** is the 20% darker color. If you saturate the color by 10%, you get **56.5624, 42.2788, 36.7133**, and if you desaturate by 10%, it is **70.1676, 62.4684, 62.8922**.

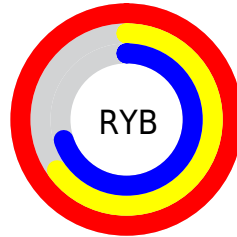
Distribution



Red (100%)

Green (65%)

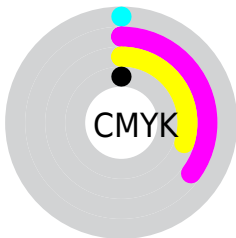
Blue (70%)



Red (100%)

Yellow (65%)

Blue (70%)

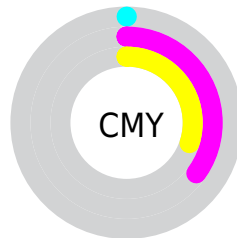


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7310, 51.3846, 48.7314 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 62.7310, 51.3846, 48.7314 by changing the saturation by 10% instead.


 62.7310, 51.3846,
48.7314

 62.7310, 51.3846,
48.7314


424.2678,
392.0562, 398.2760

 45.8815, 36.5148,
34.0424


 107.8653, 92.2230,
89.6692

 32.3565, 24.8320,
22.6485


 136.8808,
118.9604, 116.7551

 21.7908, 15.9520,
14.1313


170.6823,
150.4225, 148.8104

 13.8190, 9.4902,
8.0723

209.6352,
186.9935, 186.2535

 8.0758, 5.0623,
4.0528

254.1049,
229.0581, 229.5031

 4.1957, 2.2838,
1.6544

304.4566,

 1.8134, 0.7651,

277.0004, 278.9777

0.3292

361.0558,
331.2050, 335.0958

■ 0.5257, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7310, 51.3846,
48.7314

■ 62.7310, 51.3846,
48.7314

■ 56.5624, 42.2788,
36.7133

■ 70.1676, 62.4684,
62.8922

■ 51.5867, 35.0275,
26.7301

■ 78.9337, 75.6296,
79.2901

■ 47.7267, 29.5050,
18.6691

■ 89.0919, 90.9695,
98.0179

■ 44.8945, 25.5664,
12.4050

95.0500, 100.0000,
108.9000

■ 42.9889, 23.0435,
7.7979

■ 41.8865, 21.7291,
4.6857

■ 41.5711, 21.3924,
3.6736

Harmonies

Analogous

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



62.2718, 51.3846, 68.5027



62.7310, 51.3846, 48.7314



59.2222, 51.3846, 34.6345

Triad

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



62.7310, 51.3846, 48.7314



40.6824, 51.3846, 32.4671



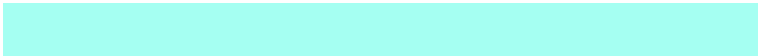
44.8616, 51.3846, 99.3382

Complementary

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



62.7310, 51.3846, 48.7314



67.3062, 85.9312, 97.0476

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.



39.7474, 51.3846, 84.5910



62.7310, 51.3846, 48.7314



37.4927, 51.3846, 45.0313

Square

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



62.7310, 51.3846, 48.7314



46.2496, 51.3846, 26.8021



37.1670, 51.3846, 63.8464



51.5244, 51.3846, 100.9833

Rectangle

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



62.7310, 51.3846, 48.7314



55.2788, 51.3846, 29.1241



37.1670, 51.3846, 63.8464



42.9208, 51.3846, 95.6139

Sweetspot

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



62.7323, 51.3870, 48.7324



83.1193, 81.9404, 87.0367



67.9532, 52.9217, 101.2411



17.5019, 17.1025, 18.0956



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.



62.7323, 51.3870, 48.7324



58.4578, 45.0659, 40.4394



67.8860, 63.6846, 44.3148



18.1162, 18.0298, 19.2291



21.7538, 11.1908, 2.0881



2.1486, 1.1018, 0.3638

Inverse Universe

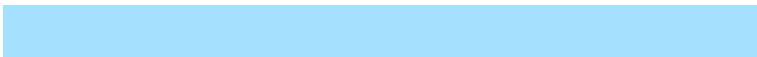
The Inverse Universe completely reimagines the original color for something new.



62.7323, 51.3870, 48.7324



58.4578, 45.0659, 40.4394



60.0905, 68.2642, 104.6169



18.1162, 18.0298, 19.2291



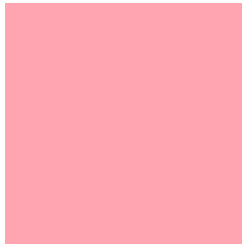
21.7538, 11.1908, 2.0881



2.1486, 1.1018, 0.3638

Previews

White Background



This preview shows how the XYZ color 62.7310, 51.3846, 48.7314 looks on a white background.

Color Contrast Check

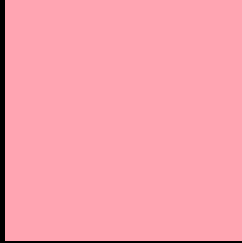
Large Text (above 18pt) WCAG AA × Fail

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 62.7310, 51.3846, 48.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

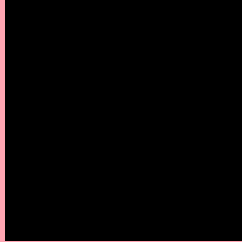
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7310, 51.3846, 48.7314

Background



This preview shows how black text looks on a background with the XYZ color 62.7310, 51.3846, 48.7314.



This preview shows how white text looks on a background with the XYZ color 62.7310, 51.3846,

48.7314.

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

62.7310, 51.3846, 48.7314

Protanopia

49.7043, 51.5384, 57.1974

Deuteranopia

52.6099, 51.6723, 47.7583



Tritanopia

62.7310, 51.3846, 48.7314

Trichromacy



Original Color

62.7310, 51.3846, 48.7314



Protanomaly

53.6098, 50.8293, 53.9992



Deuteranomaly

55.8717, 51.2369, 48.0192



Tritanomaly

62.7310, 51.3846, 48.7314

Monochromacy



Original Color

62.7310, 51.3846, 48.7314



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.3295, 52.0967, 54.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7310, 51.3846, 48.7314 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, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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(255, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.7310, 51.3846, 48.7314 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, 165, 178) }
```


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

```
.border{ border-color:rgb(255, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7310, 51.3846, 48.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 178) }
```

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

```
.background{ background-color: rgb(255,  
165, 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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