

Converting Colors

XYZ(62.8668, 51.0784, 50.5579)

Have a look what the booklet for
XYZ(62.8668, 51.0784, 50.5579)
contains.

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Color

**XYZ(62.9590, 51.1883,
50.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4B6
RGB	255, 164, 182
RGB Percent	100%, 64%, 71%
CMY	0.0000, 0.3568, 0.2863
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.9590, 51.1883, 50.8180
YIQ	193.2610, 48.4580, 24.8900

Conversions

Conversions Part 2

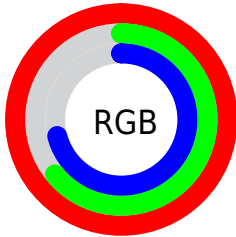
Format	Color
R _Y B	255, 164, 182
Decimal	16753846
CIE Lab	76.79, 35.89, 4.85
CIE LCh	77, 36.213, 7.698
Yxy	51.1883, 0.3816, 0.3103
Android (android.graphics.Color)	4294943926 (0xFFFFA4B6)
YUV	193.2610, -5.5517, 54.1451
Hunter-Lab	71.5460, 31.8708, 7.9694

Details

The XYZ color **62.9590, 51.1883, 50.8180** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3580, 85.5279, 93.1359**, and the grayscale version is **50.8549, 53.5033, 58.2651**.

A 20% lighter version of the original color is **82.2658, 78.6194, 91.7281**, and **32.4118, 24.6896, 23.8262** is the 20% darker color. If you saturate the color by 10%, you get **56.8824, 42.1751, 39.1128**, and if you desaturate by 10%, it is **70.2618, 62.1595, 64.4568**.

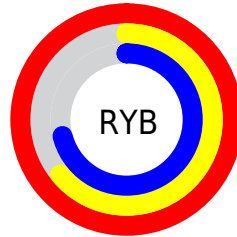
Distribution



Red (100%)

Green (64%)

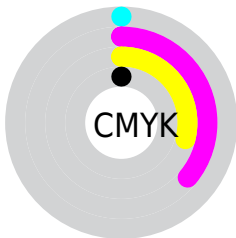
Blue (71%)



Red (100%)

Yellow (64%)

Blue (71%)

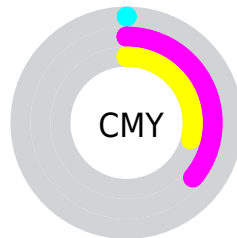


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9590, 51.1883, 50.8180 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 62.9590, 51.1883, 50.8180 by changing the saturation by 10% instead.


 62.9590, 51.1883,
50.8180

 62.9590, 51.1883,
50.8180


425.0827,
391.2949, 406.6826

 46.0666, 36.3585,
35.6881

 108.1925, 91.9331,
92.7944

 32.5032, 24.7112,
23.9056


 137.2643,
118.6168, 120.4780

 21.9035, 15.8620,
15.0521

171.1265,
150.0206, 153.1832

 13.9022, 9.4266,
8.7089

210.1447,
186.5289, 191.3286

 8.1340, 5.0204,
4.4576

254.6840,
228.5261, 235.3327

 4.2333, 2.2593,
1.8796

305.1099,

 1.8350, 0.7520,

276.3966, 285.6140

0.4797

361.7876,
330.5247, 342.5912

■ 0.5386, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9590, 51.1883,
50.8180

■ 62.9590, 51.1883,
50.8180

■ 56.8824, 42.1751,
39.1128

■ 70.2618, 62.1595,
64.4568

■ 51.9600, 34.9974,
29.2497

■ 78.8500, 75.1873,
80.1091

■ 48.1179, 29.5301,
21.1341

■ 88.7834, 90.3724,
97.8536

■ 45.2716, 25.6294,
14.6613

95.0500, 100.0000,
108.9000

■ 43.3238, 23.1276,
9.7150

■ 42.1559, 21.8179,
6.1623

■ 41.8250, 21.4940,
5.0106

Harmonies

Analogous

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



61.9322, 51.1883, 71.3669



62.9590, 51.1883, 50.8180



59.8762, 51.1883, 35.6477

Triad

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



62.9590, 51.1883, 50.8180



41.0112, 51.1883, 30.8323



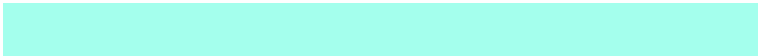
43.8083, 51.1883, 98.5957

Complementary

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



62.9590, 51.1883, 50.8180



66.3580, 85.5279, 93.1359

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.



38.9278, 51.1883, 82.2296



62.9590, 51.1883, 50.8180



37.4221, 51.1883, 42.5712

Square

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



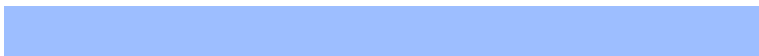
62.9590, 51.1883, 50.8180



46.9042, 51.1883, 26.0135



36.6969, 51.1883, 60.9601



50.4446, 51.1883, 102.2829

Rectangle

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



62.9590, 51.1883, 50.8180



56.0620, 51.1883, 29.4756



36.6969, 51.1883, 60.9601



41.9272, 51.1883, 94.2355

Sweetspot

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



62.9602, 51.1907, 50.8190



83.3316, 82.0253, 88.1551



66.1853, 51.7436, 101.1069



17.5521, 17.1226, 18.3601



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.



62.9602, 51.1907, 50.8190



58.3972, 44.4092, 42.0697



66.6387, 61.3351, 43.4516



18.1562, 18.0458, 19.4397



21.8958, 11.2476, 2.8356



2.1683, 1.1097, 0.4675

Inverse Universe

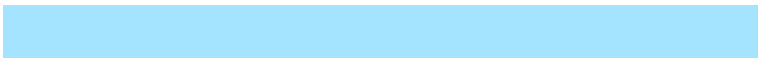
The Inverse Universe completely reimagines the original color for something new.



62.9602, 51.1907, 50.8190



58.3972, 44.4092, 42.0697



61.0226, 70.4361, 104.9870



18.1562, 18.0458, 19.4397



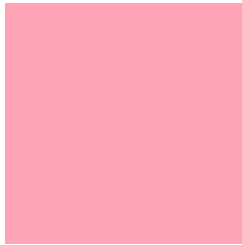
21.8958, 11.2476, 2.8356



2.1683, 1.1097, 0.4675

Previews

White Background



This preview shows how the XYZ color 62.9590, 51.1883, 50.8180 looks on a white background.

Color Contrast Check

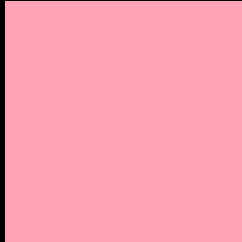
Large Text (above 18pt) WCAG AA × Fail

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 62.9590, 51.1883, 50.8180 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 62.9590, 51.1883, 50.8180

Background



This preview shows how black text looks on a background with the XYZ color 62.9590, 51.1883, 50.8180.



This preview shows how white text looks on a background with the XYZ color 62.9590, 51.1883,

50.8180.

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

62.9590, 51.1883, 50.8180

Protanopia

49.6473, 51.4571, 59.5401

Deuteranopia

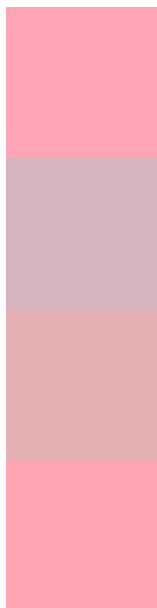
52.5107, 51.2678, 49.7759



Tritanopia

62.6309, 51.3446, 48.2045

Trichromacy



Original Color

62.9590, 51.1883, 50.8180

Protanomaly

53.4568, 50.7002, 56.2589

Deuteranomaly

55.7585, 50.8399, 50.0543

Tritanomaly

62.8318, 51.4249, 49.2622

Monochromacy



Original Color

62.9590, 51.1883, 50.8180

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

54.2322, 51.7289, 55.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9590, 51.1883, 50.8180 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, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 182)  
}
```

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, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 182) }
```

Border

The CSS property to change the border of an element to XYZ 62.9590, 51.1883, 50.8180 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, 164, 182) }
```


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

```
.border{ border-color:rgb(255, 164, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9590, 51.1883, 50.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 182) }
```

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

```
.background{ background-color: rgb(255,  
164, 182) }
```

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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