

Converting Colors

XYZ(62.2780, 51.9291, 49.0395)

Have a look what the booklet for
XYZ(62.2780, 51.9291, 49.0395)
contains.

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Color

**XYZ(62.1834, 51.9151,
48.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA8B2
RGB	252, 168, 178
RGB Percent	99%, 66%, 70%
CMY	0.0118, 0.3412, 0.3020
CMYK	0.00, 0.33, 0.29, 0.01
HSL	353°, 93%, 82%
HSV	353°, 33%, 99%
XYZ	62.1834, 51.9151, 48.8627
YIQ	194.2560, 46.8540, 20.9180

Conversions

Conversions Part 2

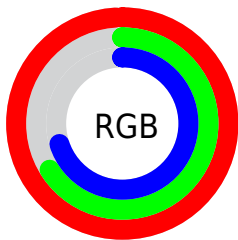
Format	Color
R _Y B	252, 168, 178
Decimal	16558258
CIE Lab	77.23, 32.21, 7.62
CIE LCh	77, 33.095, 13.312
Yxy	51.9151, 0.3816, 0.3186
Android (android.graphics.Color)	4294748338 (0xFFFC A8B2)
YUV	194.2560, -8.0142, 50.6415
Hunter-Lab	72.0521, 27.9602, 10.2285

Details

The XYZ color **62.1834, 51.9151, 48.8627** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.9882, 84.3576, 96.7608**, and the grayscale version is **51.4576, 54.1374, 58.9556**.

A 20% lighter version of the original color is **82.7469, 80.5118, 89.0210**, and **32.0805, 25.2115, 22.5775** is the 20% darker color. If you saturate the color by 10%, you get **55.9222, 42.6759, 36.6535**, and if you desaturate by 10%, it is **69.7097, 63.1064, 63.2745**.

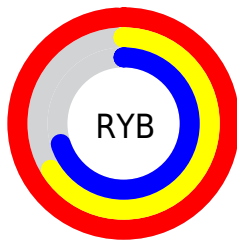
Distribution



Red (99%)

Green (66%)

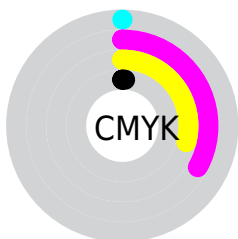
Blue (70%)



Red (99%)

Yellow (66%)

Blue (70%)

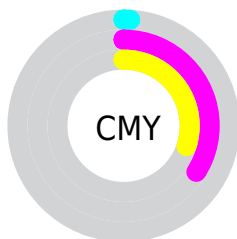


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (34%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1834, 51.9151, 48.8627 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 62.1834, 51.9151, 48.8627 by changing the saturation by 10% instead.


 62.1834, 51.9151,
48.8627


 62.1834, 51.9151,
48.8627


422.3067,
394.1088, 398.8085

 45.4371, 36.9374,
34.1457


 107.0790, 93.0060,
89.8664

 32.0046, 25.1590,
22.7273


 135.9590,
119.8880, 116.9902

 21.5206, 16.1956,
14.1889


169.6142,
151.5069, 149.0867

 13.6197, 9.6627,
8.1119

208.4100,
188.2471, 186.5744

 7.9365, 5.1759,
4.0778

252.7119,
230.4930, 229.8719

 4.1058, 2.3508,
1.6681

302.8850,

 1.7622, 0.8004,

278.6290, 279.3977

0.3388

359.2948,
333.0394, 335.5704

■ 0.4947, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1834, 51.9151,
48.8627

■ 62.1834, 51.9151,
48.8627

■ 55.9222, 42.6759,
36.6535

■ 69.7097, 63.1064,
63.2745

■ 50.8523, 35.2699,
26.5353

■ 78.5610, 76.3451,
79.9870

■ 46.8986, 29.5769,
18.3909

■ 88.7986, 91.7289,
99.0960

■ 43.9758, 25.4590,
12.0906

■ 93.9550, 99.4355,
108.8488

■ 41.9861, 22.7571,
7.4889

■ 40.8121, 21.2783,
4.4178

■ 40.3791, 20.7891,
3.1119

Harmonies

Analogous

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



61.9668, 51.9151, 67.1572



62.1834, 51.9151, 48.8627



58.7565, 51.9151, 35.7999

Triad

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



62.1834, 51.9151, 48.8627



41.4446, 51.9151, 34.7379



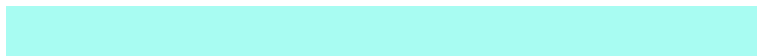
45.9251, 51.9151, 96.9997

Complementary

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



62.1834, 51.9151, 48.8627



66.9882, 84.3576, 96.7608

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.



40.9941, 51.9151, 84.0186



62.1834, 51.9151, 48.8627



38.5631, 51.9151, 47.0818

Square

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



62.1834, 51.9151, 48.8627



46.5896, 51.9151, 28.9032



38.4056, 51.9151, 64.9529



52.2043, 51.9151, 97.7648

Rectangle

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



62.1834, 51.9151, 48.8627



55.0242, 51.9151, 30.7185



38.4056, 51.9151, 64.9529



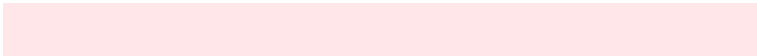
44.0684, 51.9151, 93.8116

Sweetspot

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



62.1848, 51.9176, 48.8637



84.0394, 83.4323, 88.4172



67.7823, 53.7018, 98.8886



17.6818, 17.3984, 18.3520



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.



62.1848, 51.9176, 48.8637



59.4353, 46.7641, 41.5566



67.5919, 64.2797, 45.8938



17.3286, 17.2588, 18.3202



21.0612, 10.8402, 1.7645



1.9767, 1.0144, 0.3007

Inverse Universe

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



62.1848, 51.9176, 48.8637



59.4353, 46.7641, 41.5566



59.6305, 67.1738, 101.9186



17.3286, 17.2588, 18.3202



21.0612, 10.8402, 1.7645



1.9767, 1.0144, 0.3007

Previews

White Background



This preview shows how the XYZ color 62.1834, 51.9151, 48.8627 looks on a white background.

Color Contrast Check

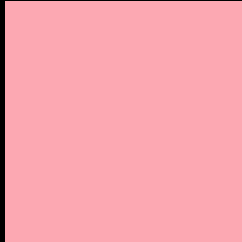
Large Text (above 18pt) WCAG AA × Fail

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 62.1834, 51.9151, 48.8627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

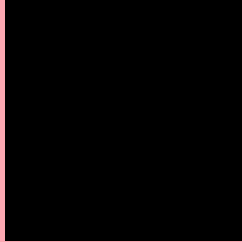
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1834, 51.9151, 48.8627

Background



This preview shows how black text looks on a background with the XYZ color 62.1834, 51.9151, 48.8627.



This preview shows how white text looks on a background with the XYZ color 62.1834, 51.9151,

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

62.1834, 51.9151, 48.8627

Protanopia

50.2134, 52.1467, 56.1340

Deuteranopia

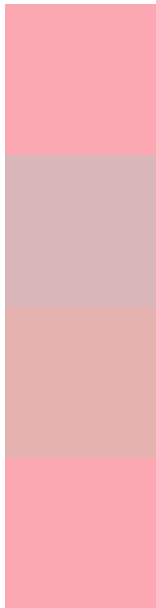
53.1973, 51.9751, 47.7858



Tritanopia

62.3857, 51.9960, 49.9282

Trichromacy



Original Color

62.1834, 51.9151, 48.8627

Protanomaly

53.9098, 51.6000, 53.5728

Deuteranomaly

56.0700, 51.6334, 48.0853

Tritanomaly

62.2842, 51.9554, 49.3935

Monochromacy



Original Color

62.1834, 51.9151, 48.8627

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.4504, 52.7758, 54.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1834, 51.9151, 48.8627 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(252, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(252, 168, 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(252, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 168, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.1834, 51.9151, 48.8627 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(252, 168, 178) }
```


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

```
.border{ border-color:rgb(252, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(252, 168,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1834, 51.9151, 48.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 168, 178) }
```

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

```
.background{ background-color: rgb(252,  
168, 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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