

Converting Colors

XYZ(62.5328, 50.7895, 49.2781)

Have a look what the booklet for
XYZ(62.5328, 50.7895, 49.2781)
contains.

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Color

**XYZ(62.4739, 50.7091,
49.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B3
RGB	255, 163, 179
RGB Percent	100%, 64%, 70%
CMY	0.0000, 0.3608, 0.2980
CMYK	0.00, 0.36, 0.30, 0.00
HSL	350°, 100%, 82%
HSV	350°, 36%, 100%
XYZ	62.4739, 50.7091, 49.1429
YIQ	192.3320, 49.6960, 24.4800

Conversions

Conversions Part 2

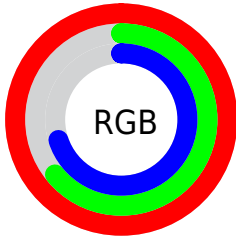
Format	Color
R _Y B	255, 163, 179
Decimal	16753587
CIE Lab	76.50, 36.02, 6.07
CIE LCh	77, 36.525, 9.572
Yxy	50.7091, 0.3849, 0.3124
Android (android.graphics.Color)	4294943667 (0xFFFFA3B3)
YUV	192.3320, -6.5727, 54.9598
Hunter-Lab	71.2103, 31.9827, 8.9306

Details

The XYZ color **62.4739, 50.7091, 49.1429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.4465, 85.5396, 94.6744**, and the grayscale version is **50.3151, 52.9354, 57.6466**.

A 20% lighter version of the original color is **81.5669, 77.9212, 89.3385**, and **32.1068, 24.3940, 22.7550** is the 20% darker color. If you saturate the color by 10%, you get **56.4238, 41.7621, 37.4053**, and if you desaturate by 10%, it is **69.7649, 61.6166, 62.9012**.

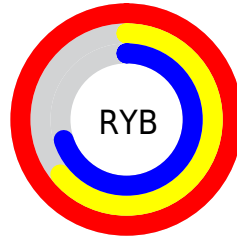
Distribution



Red (100%)

Green (64%)

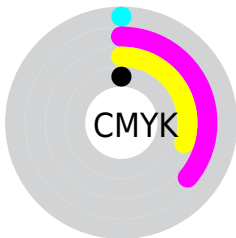
Blue (70%)



Red (100%)

Yellow (64%)

Blue (70%)

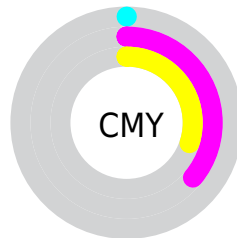


Cyan (0%)

Magenta (36%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4739, 50.7091, 49.1429 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 62.4739, 50.7091, 49.1429 by changing the saturation by 10% instead.


 62.4739, 50.7091,
49.1429


 62.4739, 50.7091,
49.1429

423.3477,
389.4325, 399.9432

 45.6728, 35.9771,
34.3664

 107.4962, 91.2246,
90.2868

 32.1912, 24.4165,
22.8956


 136.4482,
117.7770, 117.4914

 21.6638, 15.6429,
14.3119


170.1811,
149.0383, 149.6758

 13.7253, 9.2718,
8.1967

209.0603,
185.3929, 187.2584

 8.0103, 4.9189,
4.1315

253.4512,
227.2253, 230.6580

 4.1534, 2.1998,
1.6977

303.7192,

 1.7893, 0.7199,

274.9197, 280.2929

0.3592

360.2296,
328.8607, 336.5819

■ 0.5112, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4739, 50.7091,
49.1429

■ 62.4739, 50.7091,
49.1429

■ 56.4238, 41.7621,
37.4053

■ 69.7649, 61.6166,
62.9012

■ 51.5408, 34.6522,
27.5894

■ 78.3573, 74.5841,
78.7666

■ 47.7493, 29.2531,
19.5923

■ 88.3122, 89.7130,
96.8241

■ 44.9626, 25.4196,
13.3002

95.0500, 100.0000,
108.9000

■ 43.0809, 22.9821,
8.5856

■ 41.9821, 21.7306,
5.3021

■ 41.7010, 21.4444,
4.3574

Harmonies

Analogous

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



61.7060, 50.7091, 69.5403



62.4739, 50.7091, 49.1429



59.1454, 50.7091, 34.4020

Triad

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



62.4739, 50.7091, 49.1429



40.2423, 50.7091, 30.8311



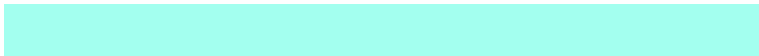
43.7206, 50.7091, 98.9369

Complementary

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



62.4739, 50.7091, 49.1429



66.4465, 85.5396, 94.6744

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.



38.6915, 50.7091, 83.0764



62.4739, 50.7091, 49.1429



36.8200, 50.7091, 43.0035

Square

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



62.4739, 50.7091, 49.1429



46.0283, 50.7091, 25.6190



36.2807, 50.7091, 61.7647



50.4337, 50.7091, 101.7027

Rectangle

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



62.4739, 50.7091, 49.1429



55.2218, 50.7091, 28.5383



36.2807, 50.7091, 61.7647



41.7956, 50.7091, 94.8071

Sweetspot

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



62.4752, 50.7115, 49.1439



83.2363, 81.9872, 87.6532



66.4535, 51.6172, 101.0684



17.5296, 17.1135, 18.2413



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.



62.4752, 50.7115, 49.1439



58.1573, 44.3133, 40.8065



66.7314, 61.6645, 43.0388



18.1383, 18.0386, 19.3452



21.8268, 11.2200, 2.4727



2.1590, 1.1060, 0.4188

Inverse Universe

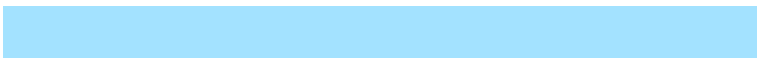
The Inverse Universe completely reimagines the original color for something new.



62.4752, 50.7115, 49.1439



58.1573, 44.3133, 40.8065



60.3163, 69.3286, 104.8105



18.1383, 18.0386, 19.3452



21.8268, 11.2200, 2.4727



2.1590, 1.1060, 0.4188

Previews

White Background



This preview shows how the XYZ color 62.4739, 50.7091, 49.1429 looks on a white background.

Color Contrast Check

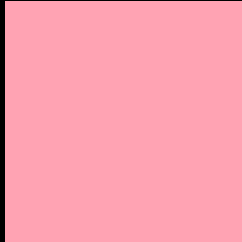
Large Text (above 18pt) WCAG AA × Fail

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 62.4739, 50.7091, 49.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

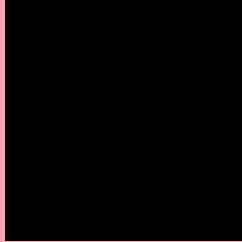
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4739, 50.7091, 49.1429

Background



This preview shows how black text looks on a background with the XYZ color 62.4739, 50.7091, 49.1429.



This preview shows how white text looks on a background with the XYZ color 62.4739, 50.7091,

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

62.4739, 50.7091, 49.1429

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

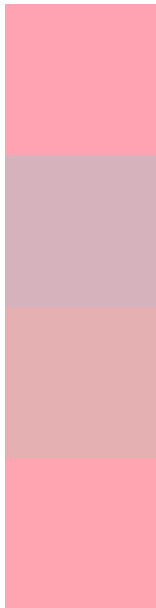
51.9213, 50.9986, 48.1815



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

62.4739, 50.7091, 49.1429

Protanomaly

52.9288, 50.1672, 54.4705

Deuteranomaly

55.4561, 50.7190, 48.4619

Tritanomaly

62.4513, 50.9852, 48.1446

Monochromacy



Original Color

62.4739, 50.7091, 49.1429

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.5178, 51.0827, 54.0530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4739, 50.7091, 49.1429 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, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 179)  
}
```

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, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 179) }
```

Border

The CSS property to change the border of an element to XYZ 62.4739, 50.7091, 49.1429 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, 163, 179) }
```


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

```
.border{ border-color:rgb(255, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4739, 50.7091, 49.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 179) }
```

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

```
.background{ background-color: rgb(255,  
163, 179) }
```

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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