

Converting Colors

XYZ(63.0896, 51.0122, 52.2101)

Have a look what the booklet for
XYZ(63.0896, 51.0122, 52.2101)
contains.

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Color

**XYZ(63.0941, 50.9572,
52.4092)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B9
RGB	255, 163, 185
RGB Percent	100%, 64%, 73%
CMY	0.0000, 0.3608, 0.2745
CMYK	0.00, 0.36, 0.27, 0.00
HSL	346°, 100%, 82%
HSV	346°, 36%, 100%
XYZ	63.0941, 50.9572, 52.4092
YIQ	193.0160, 47.7700, 26.3460

Conversions

Conversions Part 2

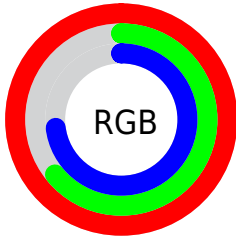
Format	Color
R _Y B	255, 163, 185
Decimal	16753593
CIE Lab	76.65, 36.80, 3.01
CIE LCh	77, 36.924, 4.671
Yxy	50.9572, 0.3790, 0.3061
Android (android.graphics.Color)	4294943673 (0xFFFFA3B9)
YUV	193.0160, -3.9519, 54.3600
Hunter-Lab	71.3843, 32.8474, 6.4393

Details

The XYZ color **63.0941, 50.9572, 52.4092** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.5744, 85.1908, 90.0824**, and the grayscale version is **50.7021, 53.3425, 58.0900**.

A 20% lighter version of the original color is **82.4487, 78.2739, 93.9819**, and **32.5057, 24.5536, 24.8559** is the 20% darker color. If you saturate the color by 10%, you get **57.1040, 42.0342, 40.9869**, and if you desaturate by 10%, it is **70.2793, 61.8224, 65.6101**.

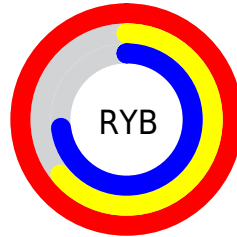
Distribution



Red (100%)

Green (64%)

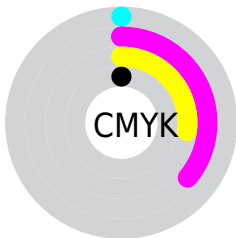
Blue (73%)



Red (100%)

Yellow (64%)

Blue (73%)

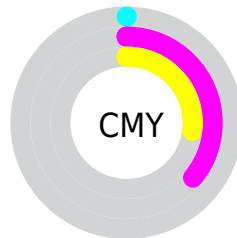


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0941, 50.9572, 52.4092 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 63.0941, 50.9572, 52.4092 by changing the saturation by 10% instead.


 63.0941, 50.9572,
52.4092


 63.0941, 50.9572,
52.4092


425.5652,
390.3975, 413.0161

 46.1763, 36.1745,
36.9469


 108.3863, 91.5915,
95.1672

 32.5902, 24.5690,
24.8709


 137.4914,
118.2119, 123.2999

 21.9704, 15.7563,
15.7627

171.3896,
149.5471, 156.4931

 13.9516, 9.3518,
9.2039

210.4463,
185.9814, 195.1654

 8.1685, 4.9714,
4.7758

255.0269,
227.8992, 239.7353

 4.2557, 2.2305,
2.0599

305.4966,

 1.8478, 0.7365,

275.6848, 290.6214

0.5917

362.2209,
329.7228, 348.2421

■ 0.5462, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0941, 50.9572,
52.4092

■ 63.0941, 50.9572,
52.4092

■ 57.1040, 42.0342,
40.9869

■ 70.2793, 61.8224,
65.6101

■ 52.2384, 34.9312,
31.2626

■ 78.7168, 74.7280,
80.6594

■ 48.4256, 29.5237,
23.1537

■ 88.4646, 89.7740,
97.6267

■ 45.5834, 25.6679,
16.5690

95.0500, 100.0000,
108.9000

■ 43.6169, 23.1964,
11.4076

■ 42.4098, 21.9017,
7.5545

■ 42.0814, 21.5966,
6.3608

Harmonies

Analogous

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



61.6186, 50.9572, 73.6243



63.0941, 50.9572, 52.4092



60.3430, 50.9572, 36.3492

Triad

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



63.0941, 50.9572, 52.4092



41.1862, 50.9572, 29.4759



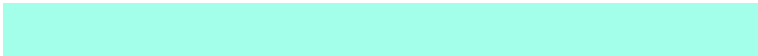
42.9105, 50.9572, 98.0295

Complementary

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



63.0941, 50.9572, 52.4092



65.5744, 85.1908, 90.0824

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.



38.2038, 50.9572, 80.3737



63.0941, 50.9572, 52.4092



37.2774, 50.9572, 40.5983

Square

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



63.0941, 50.9572, 52.4092



47.3475, 50.9572, 25.2936



36.2400, 50.9572, 58.6762



49.5355, 50.9572, 103.3412

Rectangle

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



63.0941, 50.9572, 52.4092



56.6243, 50.9572, 29.6424



36.2400, 50.9572, 58.6762



41.0729, 50.9572, 93.1630

Sweetspot

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



63.0955, 50.9596, 52.4102



83.4974, 82.0916, 89.0278



64.4277, 50.5729, 100.9736



17.5914, 17.1383, 18.5667



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.



63.0955, 50.9596, 52.4102



58.8237, 44.5798, 44.3158



65.4114, 59.0245, 42.5988



18.1874, 18.0583, 19.6038



22.0365, 11.3039, 3.5769



2.1861, 1.1168, 0.5614

Inverse Universe

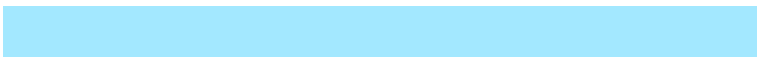
The Inverse Universe completely reimagines the original color for something new.



63.0955, 50.9596, 52.4102



58.8237, 44.5798, 44.3158



62.0127, 72.7214, 105.3760



18.1874, 18.0583, 19.6038



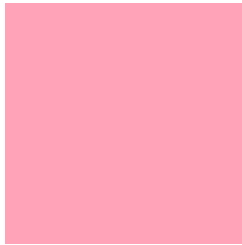
22.0365, 11.3039, 3.5769



2.1861, 1.1168, 0.5614

Previews

White Background



This preview shows how the XYZ color 63.0941, 50.9572, 52.4092 looks on a white background.

Color Contrast Check

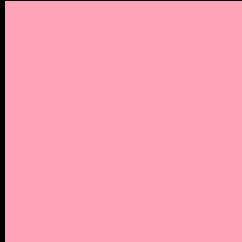
Large Text (above 18pt) WCAG AA × Fail

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 63.0941, 50.9572, 52.4092 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 63.0941, 50.9572, 52.4092

Background



This preview shows how black text looks on a background with the XYZ color 63.0941, 50.9572, 52.4092.



This preview shows how white text looks on a background with the XYZ color 63.0941, 50.9572,

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

63.0941, 50.9572, 52.4092

Protanopia

49.6438, 51.0837, 61.8872

Deuteranopia

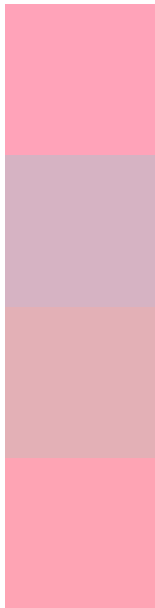
52.1379, 51.0521, 50.8221



Tritanopia

62.0843, 50.7961, 48.1274

Trichromacy



Original Color

63.0941, 50.9572, 52.4092

Protanomaly

53.7020, 50.4765, 58.5423

Deuteranomaly

55.6474, 50.7590, 51.1205

Tritanomaly

62.3867, 50.9170, 49.7198

Monochromacy



Original Color

63.0941, 50.9572, 52.4092

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

54.3411, 51.7725, 55.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0941, 50.9572, 52.4092 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 185) }
```

Border

The CSS property to change the border of an element to XYZ 63.0941, 50.9572, 52.4092 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, 185) }
```


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

```
.border{ border-color:rgb(255, 163, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0941, 50.9572, 52.4092 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
163, 185) }
```

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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