

Converting Colors

XYZ(62.3430, 49.2915, 52.6623)

Have a look what the booklet for
XYZ(62.3430, 49.2915, 52.6623)
contains.

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Color

**XYZ(62.3298, 49.2589,
52.6772)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EBA
RGB	255, 158, 186
RGB Percent	100%, 62%, 73%
CMY	0.0000, 0.3804, 0.2706
CMYK	0.00, 0.38, 0.27, 0.00
HSL	343°, 100%, 81%
HSV	343°, 38%, 100%
XYZ	62.3298, 49.2589, 52.6772
YIQ	190.1950, 48.8240, 29.2720

Conversions

Conversions Part 2

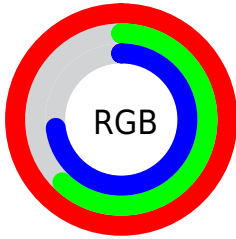
Format	Color
R_{YB}	255, 158, 186
Decimal	16752314
CIE _{Lab}	75.61, 39.52, 0.95
CIE _{LCh}	76, 39.531, 1.370
Yxy	49.2589, 0.3794, 0.2999
Android (android.graphics.Color)	4294942394 (0xFFFF9EBA)
YUV	190.1950, -2.0681, 56.8340
Hunter-Lab	70.1847, 35.6996, 4.6291

Details

The XYZ color **62.3298, 49.2589, 52.6772** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.7277, 84.3361, 85.5967**, and the grayscale version is **49.0489, 51.6033, 56.1960**.

A 20% lighter version of the original color is **81.3136, 75.7639, 94.3426**, and **32.0502, 23.5324, 25.0433** is the 20% darker color. If you saturate the color by 10%, you get **56.6151, 40.7222, 41.8542**, and if you desaturate by 10%, it is **69.1942, 59.7028, 65.0925**.

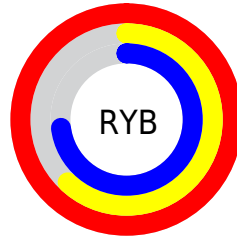
Distribution



Red (100%)

Green (62%)

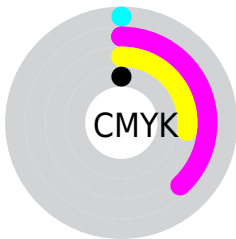
Blue (73%)



Red (100%)

Yellow (62%)

Blue (73%)

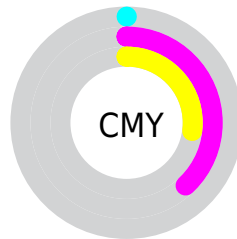


Cyan (0%)

Magenta (38%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3298, 49.2589, 52.6772 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 62.3298, 49.2589, 52.6772 by changing the saturation by 10% instead.


 62.3298, 49.2589,
52.6772


 62.3298, 49.2589,
52.6772


422.8315,
383.7607, 414.0765

 45.5558, 34.8249,
37.1592

 107.2893, 89.0759,
95.5659

 32.0986, 23.5280,
25.0340


 136.2055,
115.2276, 123.7737

 21.5927, 14.9839,
15.8831


169.8999,
146.0540, 157.0485

 13.6729, 8.8081,
9.2880

208.7378,
181.9396, 195.8089

 7.9737, 4.6162,
4.8302

253.0846,
223.2686, 240.4733

 4.1298, 2.0239,
2.0910

303.3055,

 1.7758, 0.6213,

270.4256, 291.4604

0.6104

359.7660,
323.7948, 349.1886

■ 0.5030, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3298, 49.2589,
52.6772

■ 62.3298, 49.2589,
52.6772

■ 56.6151, 40.7222,
41.8542

■ 69.1942, 59.7028,
65.0925

■ 51.9810, 33.9698,
32.5536

■ 77.2647, 72.1532,
79.1598

■ 48.3564, 28.8749,
24.7044

■ 86.5981, 86.7109,
94.9394

■ 45.6600, 25.2912,
18.2283

95.0500, 100.0000,
108.9000

■ 43.7965, 23.0461,
13.0383

■ 42.6396, 21.9068,
9.0320

■ 42.4626, 21.7490,
8.3679

Harmonies

Analogous

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



60.2771, 49.2589, 75.3358



62.3298, 49.2589, 52.6772



59.8800, 49.2589, 35.2840

Triad

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



62.3298, 49.2589, 52.6772



39.8742, 49.2589, 26.0755



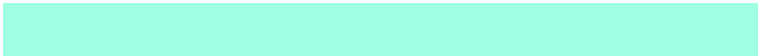
40.3999, 49.2589, 97.3137

Complementary

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



62.3298, 49.2589, 52.6772



63.7277, 84.3361, 85.5967

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.



35.8105, 49.2589, 77.4474



62.3298, 49.2589, 52.6772



35.5300, 49.2589, 36.5609

Square

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



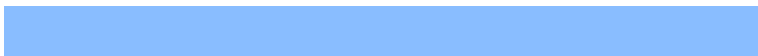
62.3298, 49.2589, 52.6772



46.4836, 49.2589, 22.6090



34.1220, 49.2589, 54.6035



47.1562, 49.2589, 104.8052

Rectangle

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



62.3298, 49.2589, 52.6772



56.1571, 49.2589, 27.9257



34.1220, 49.2589, 54.6035



38.5783, 49.2589, 91.6444

Sweetspot

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



62.3310, 49.2612, 52.6782



83.6974, 82.1716, 90.0814



61.6113, 47.8289, 100.5924



17.6388, 17.1572, 18.8164



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.



62.3310, 49.2612, 52.6782



57.6893, 42.3125, 43.9328



63.2144, 55.3335, 39.6994



18.2249, 18.0733, 19.8017



22.2432, 11.3866, 4.6650



2.2106, 1.1266, 0.6905

Inverse Universe

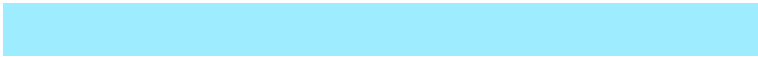
The Inverse Universe completely reimagines the original color for something new.



62.3310, 49.2612, 52.6782



57.6893, 42.3125, 43.9328



62.0326, 74.2514, 105.6702



18.2249, 18.0733, 19.8017



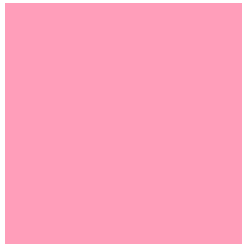
22.2432, 11.3866, 4.6650



2.2106, 1.1266, 0.6905

Previews

White Background



This preview shows how the XYZ color 62.3298, 49.2589, 52.6772 looks on a white background.

Color Contrast Check

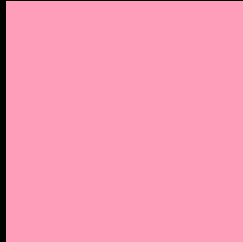
Large Text (above 18pt) WCAG AA × Fail

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 62.3298, 49.2589, 52.6772 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 62.3298, 49.2589, 52.6772

Background



This preview shows how black text looks on a background with the XYZ color 62.3298, 49.2589, 52.6772.



This preview shows how white text looks on a background with the XYZ color 62.3298, 49.2589,

52.6772.

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

62.3298, 49.2589, 52.6772

Protanopia

48.4693, 49.8212, 62.9390

Deuteranopia

50.4210, 49.5470, 51.1620



Tritanopia

60.8903, 49.1910, 45.3153

Trichromacy



Original Color

62.3298, 49.2589, 52.6772



Protanomaly

52.3531, 48.8851, 58.9010



Deuteranomaly

54.2313, 49.1533, 51.4290



Tritanomaly

61.2070, 49.0414, 47.8350

Monochromacy



Original Color

62.3298, 49.2589, 52.6772



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.8373, 49.8111, 54.9738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3298, 49.2589, 52.6772 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, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 186)  
}
```

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, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 186) }
```

Border

The CSS property to change the border of an element to XYZ 62.3298, 49.2589, 52.6772 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, 158, 186) }
```


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

```
.border{ border-color:rgb(255, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3298, 49.2589, 52.6772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 186) }
```

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

```
.background{ background-color: rgb(255,  
158, 186) }
```

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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