

Converting Colors

XYZ(62.4336, 49.3277, 53.1399)

Have a look what the booklet for
XYZ(62.4336, 49.3277, 53.1399)
contains.

XYZ(62.4365, 49.3016, 53.2391)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.4365, 49.3016,
53.2391)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EBB
RGB	255, 158, 187
RGB Percent	100%, 62%, 73%
CMY	0.0000, 0.3804, 0.2667
CMYK	0.00, 0.38, 0.27, 0.00
HSL	342°, 100%, 81%
HSV	342°, 38%, 100%
XYZ	62.4365, 49.3016, 53.2391
YIQ	190.3090, 48.5030, 29.5830

Conversions

Conversions Part 2

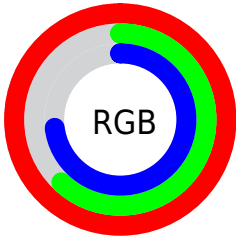
Format	Color
R _Y B	255, 158, 187
Decimal	16752315
CIE Lab	75.64, 39.65, 0.43
CIE LCh	76, 39.656, 0.628
Yxy	49.3016, 0.3785, 0.2988
Android (android.graphics.Color)	4294942395 (0xFFFF9EBB)
YUV	190.3090, -1.6313, 56.7340
Hunter-Lab	70.2151, 35.8489, 4.1952

Details

The XYZ color **62.4365, 49.3016, 53.2391** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.5901, 84.2811, 84.8719**, and the grayscale version is **49.1124, 51.6701, 56.2687**.

A 20% lighter version of the original color is **81.4642, 75.8242, 95.1359**, and **32.1196, 23.5601, 25.4089** is the 20% darker color. If you saturate the color by 10%, you get **56.7332, 40.7695, 42.4762**, and if you desaturate by 10%, it is **69.2829, 59.7383, 65.5596**.

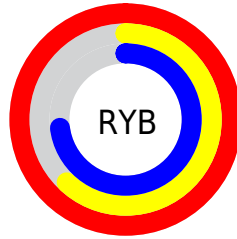
Distribution



Red (100%)

Green (62%)

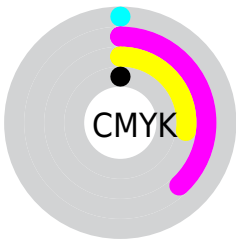
Blue (73%)



Red (100%)

Yellow (62%)

Blue (73%)

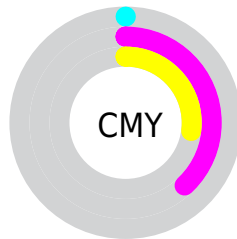


Cyan (0%)

Magenta (38%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4365, 49.3016, 53.2391 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 62.4365, 49.3016, 53.2391 by changing the saturation by 10% instead.


 62.4365, 49.3016,
53.2391


 62.4365, 49.3016,
53.2391


423.2138,
383.9284, 416.2941

 45.6424, 34.8588,
37.6046


 107.4425, 89.1392,
96.4012

 32.1672, 23.5541,
25.3765

 136.3852,
115.3028, 124.7660

 21.6454, 15.0032,
16.1362

170.1081,
146.1422, 158.2112

 13.7117, 8.8216,
9.4652

208.9766,
182.0416, 197.1555

 8.0008, 4.6250,
4.9449

253.3561,
223.3856, 242.0174

 4.1473, 2.0290,
2.1568

303.6119,

 1.7858, 0.6242,

270.5584, 293.2154

0.6493

360.1093,
323.9446, 351.1681

■ 0.5091, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4365, 49.3016,
53.2391

■ 62.4365, 49.3016,
53.2391

■ 56.7332, 40.7695,
42.4762

■ 69.2829, 59.7383,
65.5596

■ 52.1044, 34.0192,
33.2034

■ 77.3284, 72.1788,
79.4956

■ 48.4794, 28.9241,
25.3521

■ 86.6297, 86.7235,
95.1052

■ 45.7774, 25.3382,
18.8465

95.0500, 100.0000,
108.9000

■ 43.9037, 23.0890,
13.6028

■ 42.7326, 21.9440,
9.5220

■ 42.5524, 21.7850,
8.8412

Harmonies

Analogous

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



60.2664, 49.3016, 76.0467



62.4365, 49.3016, 53.2391



60.0836, 49.3016, 35.6094

Triad

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



62.4365, 49.3016, 53.2391



40.0309, 49.3016, 25.8710



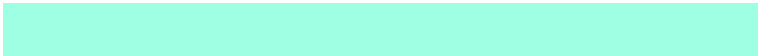
40.2727, 49.3016, 97.1714

Complementary

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



62.4365, 49.3016, 53.2391



63.5901, 84.2811, 84.8719

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.



35.7341, 49.3016, 77.0190



62.4365, 49.3016, 53.2391



35.6051, 49.3016, 36.1965

Square

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



62.4365, 49.3016, 53.2391



46.7051, 49.3016, 22.5586



34.1164, 49.3016, 54.1255



47.0146, 49.3016, 105.0909

Rectangle

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



62.4365, 49.3016, 53.2391



56.3949, 49.3016, 28.1051



34.1164, 49.3016, 54.1255



38.4649, 49.3016, 91.3823

Sweetspot

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



62.4378, 49.3039, 53.2401



83.7393, 82.1884, 90.3017



61.6113, 47.8289, 100.5924



17.6487, 17.1612, 18.8686



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.



62.4378, 49.3039, 53.2401



57.8056, 42.3590, 44.5453



63.2145, 55.3335, 39.6994



18.2328, 18.0764, 19.8431



22.2916, 11.4059, 4.9199



2.2162, 1.1288, 0.7197

Inverse Universe

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



62.4378, 49.3039, 53.2401



57.8056, 42.3590, 44.5453



62.0327, 74.2514, 105.6702



18.2328, 18.0764, 19.8431



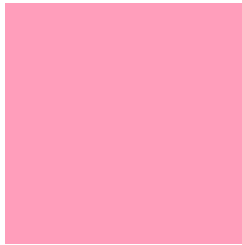
22.2916, 11.4059, 4.9199



2.2162, 1.1288, 0.7197

Previews

White Background



This preview shows how the XYZ color 62.4365, 49.3016, 53.2391 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 62.4365, 49.3016, 53.2391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

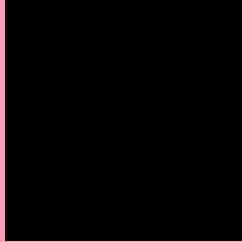
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4365, 49.3016, 53.2391

Background



This preview shows how black text looks on a background with the XYZ color 62.4365, 49.3016, 53.2391.



This preview shows how white text looks on a background with the XYZ color 62.4365, 49.3016,

53.2391.

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

62.4365, 49.3016, 53.2391

Protanopia

48.3460, 49.7439, 63.5533

Deuteranopia

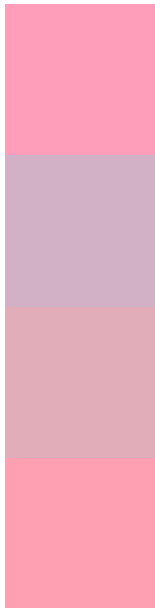
50.5247, 49.5885, 51.7083



Tritanopia

60.9867, 49.2296, 45.8231

Trichromacy



Original Color

62.4365, 49.3016, 53.2391

Protanomaly

52.1817, 48.7835, 59.4892

Deuteranomaly

54.3358, 49.1951, 51.9792

Tritanomaly

61.3071, 49.0815, 48.3619

Monochromacy



Original Color

62.4365, 49.3016, 53.2391

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 62.4365, 49.3016, 53.2391 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.4365, 49.3016, 53.2391 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, 187) }
```


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

```
.border{ border-color:rgb(255, 158, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4365, 49.3016, 53.2391 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
158, 187) }
```

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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