

Converting Colors

XYZ(62.8243, 48.1197, 59.4029)

Have a look what the booklet for
XYZ(62.8243, 48.1197, 59.4029)
contains.

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Color

**XYZ(62.8243, 48.1197,
59.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C6
RGB	255, 153, 198
RGB Percent	100%, 60%, 78%
CMY	0.0000, 0.4000, 0.2235
CMYK	0.00, 0.40, 0.22, 0.00
HSL	334°, 100%, 80%
HSV	334°, 40%, 100%
XYZ	62.8243, 48.1197, 59.4029
YIQ	188.6280, 46.3470, 35.6190

Conversions

Conversions Part 2

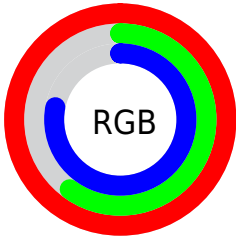
Format	Color
R_{YB}	255, 153, 198
Decimal	16751046
CIE _{Lab}	74.90, 43.73, -6.70
CIE _{LCh}	75, 44.243, 351.292
Yxy	48.1197, 0.3688, 0.2825
Android (android.graphics.Color)	4294941126 (0xFFFF99C6)
YUV	188.6280, 4.6204, 58.2082
Hunter-Lab	69.3684, 40.2661, -2.2145

Details

The XYZ color **62.8243, 48.1197, 59.4029** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.5317, 82.9464, 73.7963**, and the grayscale version is **48.1145, 50.6202, 55.1254**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **32.3562, 22.8637, 29.0933** is the 20% darker color. If you saturate the color by 10%, you get **57.5205, 40.0202, 49.9033**, and if you desaturate by 10%, it is **69.1768, 58.0689, 70.0163**.

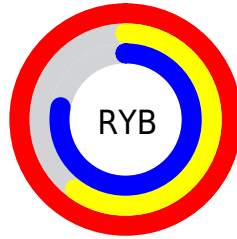
Distribution



Red (100%)

Green (60%)

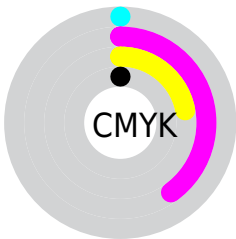
Blue (78%)



Red (100%)

Yellow (60%)

Blue (78%)

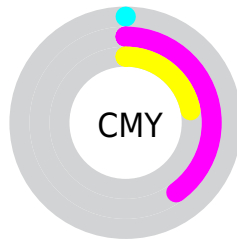


Cyan (0%)

Magenta (40%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8243, 48.1197, 59.4029 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 62.8243, 48.1197, 59.4029 by changing the saturation by 10% instead.


 62.8243, 48.1197,
59.4029


 62.8243, 48.1197,
59.4029


424.6014,
379.2664, 440.1368

 45.9572, 33.9217,
42.5154


 107.9992, 87.3826,
105.4979

 32.4165, 22.8334,
29.1765


 137.0378,
113.2163, 135.5424

 21.8369, 14.4706,
18.9676


170.8641,
143.6973, 170.8098

 13.8531, 8.4487,
11.4703

209.8437,
179.2101, 211.7184

 8.0996, 4.3834,
6.2660

254.3419,
220.1390, 258.6869

 4.2111, 1.8902,
2.9361

304.7240,

 1.8222, 0.5425,

266.8684, 312.1337

1.0621

361.3554,
319.7827, 372.4775

■ 0.5310, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8243, 48.1197,
59.4029

■ 62.8243, 48.1197,
59.4029

■ 57.5205, 40.0202,
49.9033

■ 69.1768, 58.0689,
70.0163

■ 53.2005, 33.6474,
41.4731

■ 76.6309, 69.9675,
81.7796

■ 49.7968, 28.8739,
34.0687

■ 85.2400, 83.9155,
94.7305

■ 47.2317, 25.5513,
27.6411

95.0500, 100.0000,
108.9000

■ 45.4129, 23.5028,
22.1355

■ 44.1925, 22.4411,
17.4770

■ 44.1922, 22.4409,
17.4759

Harmonies

Analogous

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



58.9233, 48.1197, 85.3289



62.8243, 48.1197, 59.4029



61.7443, 48.1197, 37.8766

Triad

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



62.8243, 48.1197, 59.4029



40.3377, 48.1197, 20.9718



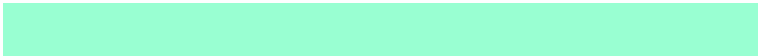
36.7156, 48.1197, 95.2079

Complementary

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



62.8243, 48.1197, 59.4029



60.5317, 82.9464, 73.7963

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.



32.7660, 48.1197, 70.2152



62.8243, 48.1197, 59.4029



34.6800, 48.1197, 29.2564

Square

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



62.8243, 48.1197, 59.4029



48.1222, 48.1197, 19.6340



32.0672, 48.1197, 45.9596



43.4306, 48.1197, 109.6326

Rectangle

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



62.8243, 48.1197, 59.4029



58.3930, 48.1197, 28.2288



32.0672, 48.1197, 45.9596



35.0550, 48.1197, 87.4691

Sweetspot

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



62.8255, 48.1219, 59.4038



83.4211, 80.9537, 92.0401



55.7659, 43.5750, 100.0794



17.6071, 16.9237, 19.3304



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.



62.8255, 48.1219, 59.4038



58.4994, 41.4963, 51.7140



59.2353, 48.0501, 36.2924



18.3423, 18.1202, 20.4196



23.1636, 11.7547, 9.5117



2.3092, 1.1661, 1.2097

Inverse Universe

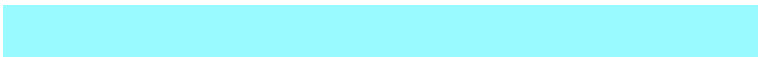
The Inverse Universe completely reimagines the original color for something new.



62.8255, 48.1219, 59.4038



58.4994, 41.4963, 51.7140



65.3428, 82.3022, 107.0497



18.3423, 18.1202, 20.4196



23.1636, 11.7547, 9.5117



2.3092, 1.1661, 1.2097

Previews

White Background



This preview shows how the XYZ color 62.8243, 48.1197, 59.4029 looks on a white background.

Color Contrast Check

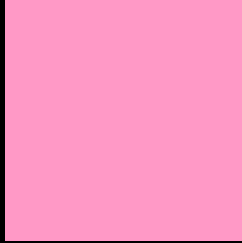
Large Text (above 18pt) WCAG AA × Fail

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 62.8243, 48.1197, 59.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

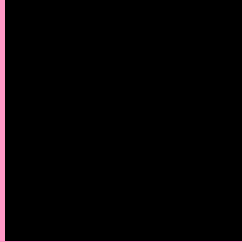
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8243, 48.1197, 59.4029

Background



This preview shows how black text looks on a background with the XYZ color 62.8243, 48.1197, 59.4029.



This preview shows how white text looks on a background with the XYZ color 62.8243, 48.1197,

59.4029.

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

62.8243, 48.1197, 59.4029

Protanopia

47.8180, 48.3417, 72.4562

Deuteranopia

49.2989, 48.2326, 57.1636



Tritanopia

59.6274, 48.0514, 44.1624

Trichromacy



Original Color

62.8243, 48.1197, 59.4029



Protanomaly

51.8390, 47.2800, 67.3665



Deuteranomaly

53.4385, 47.7497, 58.0299



Tritanomaly

60.6347, 47.9549, 49.2404

Monochromacy



Original Color

62.8243, 48.1197, 59.4029



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.4803, 49.0026, 56.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8243, 48.1197, 59.4029 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, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 198)  
}
```

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, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.8243, 48.1197, 59.4029 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, 153, 198) }
```


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

```
.border{ border-color:rgb(255, 153, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8243, 48.1197, 59.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 198) }
```

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

```
.background{ background-color: rgb(255,  
153, 198) }
```

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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