

Converting Colors

XYZ(64.3986, 48.1032, 59.5552)

Have a look what the booklet for
XYZ(64.3986, 48.1032, 59.5552)
contains.

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Color

**XYZ(62.3394, 47.1499,
59.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96C6
RGB	255, 150, 198
RGB Percent	100%, 59%, 78%
CMY	0.0000, 0.4117, 0.2235
CMYK	0.00, 0.41, 0.22, 0.00
HSL	333°, 100%, 79%
HSV	333°, 41%, 100%
XYZ	62.3394, 47.1499, 59.2413
YIQ	186.8670, 47.1720, 37.1880

Conversions

Conversions Part 2

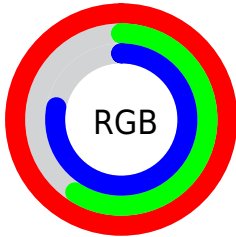
Format	Color
R_{YB}	255, 150, 198
Decimal	16750278
CIE _{Lab}	74.29, 45.26, -7.61
CIE _{LCh}	74, 45.895, 350.456
Yxy	47.1499, 0.3695, 0.2794
Android (android.graphics.Color)	4294940358 (0xFFFF96C6)
YUV	186.8670, 5.4886, 59.7526
Hunter-Lab	68.6658, 41.8891, -3.0863

Details

The XYZ color **62.3394, 47.1499, 59.2413** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.6020, 82.5099, 71.8197**, and the grayscale version is **47.1118, 49.5652, 53.9765**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **32.0737, 22.2988, 28.9992** is the 20% darker color. If you saturate the color by 10%, you get **57.1796, 39.2699, 50.0002**, and if you desaturate by 10%, it is **68.5328, 56.8631, 69.5481**.

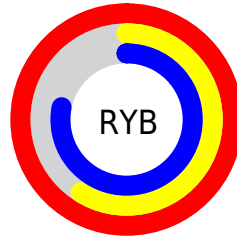
Distribution



Red (100%)

Green (59%)

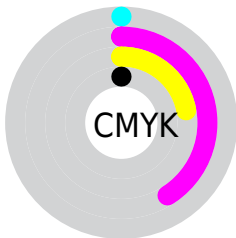
Blue (78%)



Red (100%)

Yellow (59%)

Blue (78%)

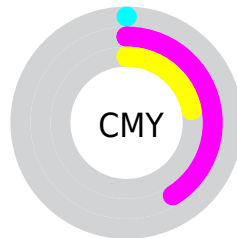


Cyan (0%)

Magenta (41%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3394, 47.1499, 59.2413 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 62.3394, 47.1499, 59.2413 by changing the saturation by 10% instead.


 62.3394, 47.1499,
59.2413


 62.3394, 47.1499,
59.2413


422.8659,
375.4126, 439.5223

 45.5636, 33.1542,
42.3861

 107.3031, 85.9373,
105.2609

 32.1048, 22.2446,
29.0759


 136.2217,
111.4978, 135.2623

 21.5975, 14.0367,
18.8922


169.9187,
141.6820, 170.4829

 13.6764, 8.1462,
11.4164

208.7593,
176.8743, 211.3412

 7.9761, 4.1886,
6.2299

253.1090,
217.4592, 258.2558

 4.1313, 1.7796,
2.9144

303.3331,

 1.7767, 0.4744,

263.8209, 311.6451

1.0511

359.7969,
316.3439, 371.9278

■ 0.5036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3394, 47.1499,
59.2413

■ 62.3394, 47.1499,
59.2413

■ 57.1796, 39.2699,
50.0002

■ 68.5328, 56.8631,
69.5481

■ 52.9879, 33.0991,
41.7821

■ 75.8128, 68.5102,
80.9552

■ 49.6966, 28.5082,
34.5451

■ 84.2329, 82.1921,
93.4987

■ 47.2269, 25.3463,
28.2419

■ 93.8419, 98.0007,
107.2120

■ 45.4848, 23.4326,
22.8192

95.0500, 100.0000,
108.9000

■ 44.4254, 22.5341,
18.7039

Harmonies

Analogous

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



58.1868, 47.1499, 86.0149



62.3394, 47.1499, 59.2413



61.3720, 47.1499, 37.0476

Triad

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



62.3394, 47.1499, 59.2413



39.4986, 47.1499, 19.4636



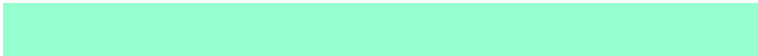
35.4589, 47.1499, 94.9188

Complementary

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



62.3394, 47.1499, 59.2413



59.6020, 82.5099, 71.8197

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.



31.5401, 47.1499, 68.8993



62.3394, 47.1499, 59.2413



33.6662, 47.1499, 27.5152

Square

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



62.3394, 47.1499, 59.2413



47.4952, 47.1499, 18.3162



30.9267, 47.1499, 44.1713



42.2367, 47.1499, 110.3999

Rectangle

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



62.3394, 47.1499, 59.2413



57.9940, 47.1499, 27.1515



30.9267, 47.1499, 44.1713



33.8004, 47.1499, 86.7982

Sweetspot

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



62.3405, 47.1520, 59.2422



83.4930, 80.9824, 92.4186



54.4118, 42.1570, 99.8770



17.6240, 16.9305, 19.4193



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.



62.3405, 47.1520, 59.2422



58.2168, 40.8336, 51.9208



58.2198, 46.4108, 34.7466



18.3547, 18.1252, 20.4850



23.2865, 11.8039, 10.1589



2.3217, 1.1710, 1.2752

Inverse Universe

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



62.3405, 47.1520, 59.2422



58.2168, 40.8336, 51.9208



65.2825, 83.0120, 107.1899



18.3547, 18.1252, 20.4850



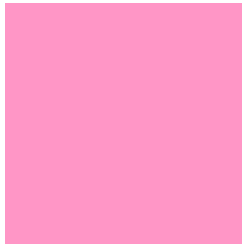
23.2865, 11.8039, 10.1589



2.3217, 1.1710, 1.2752

Previews

White Background



This preview shows how the XYZ color 62.3394, 47.1499, 59.2413 looks on a white background.

Color Contrast Check

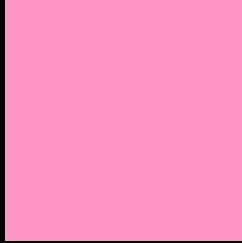
Large Text (above 18pt) WCAG AA × Fail

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 62.3394, 47.1499, 59.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

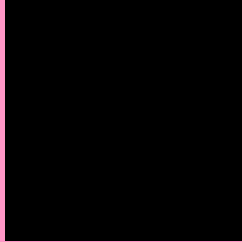
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3394, 47.1499, 59.2413

Background



This preview shows how black text looks on a background with the XYZ color 62.3394, 47.1499, 59.2413.



This preview shows how white text looks on a background with the XYZ color 62.3394, 47.1499,

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

62.3394, 47.1499, 59.2413

Protanopia

47.2873, 47.7480, 73.0536

Deuteranopia

48.3110, 47.4268, 57.0601



Tritanopia

59.0084, 47.2624, 42.5717

Trichromacy



Original Color

62.3394, 47.1499, 59.2413



Protanomaly

51.3094, 46.4317, 67.8859



Deuteranomaly

52.4682, 46.6971, 57.8778



Tritanomaly

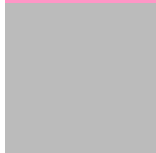
60.0995, 47.2082, 48.0640

Monochromacy



Original Color

62.3394, 47.1499, 59.2413



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.6914, 48.0307, 55.8366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3394, 47.1499, 59.2413 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, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.3394, 47.1499, 59.2413 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, 150, 198) }
```


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

```
.border{ border-color:rgb(255, 150, 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, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 150, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 150, 198); box-shadow:4px 4px 4px 4px rgb(255, 150, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3394, 47.1499, 59.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 198) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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