

Converting Colors

XYZ(108.1288, 71.0336,
61.9770)

Have a look what the booklet for
XYZ(108.1288, 71.0336, 61.9770)
contains.

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Color

**XYZ(62.6154, 47.5167,
59.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97C7
RGB	255, 151, 199
RGB Percent	100%, 59%, 78%
CMY	0.0000, 0.4078, 0.2196
CMYK	0.00, 0.41, 0.22, 0.00
HSL	332°, 100%, 80%
HSV	332°, 41%, 100%
XYZ	62.6154, 47.5167, 59.9043
YIQ	187.5680, 46.5760, 36.9760

Conversions

Conversions Part 2

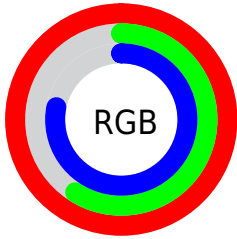
Format	Color
R _Y B	255, 151, 199
Decimal	16750535
CIE Lab	74.52, 44.89, -7.81
CIE LCh	75, 45.568, 350.126
Yxy	47.5167, 0.3682, 0.2795
Android (android.graphics.Color)	4294940615 (0xFFFF97C7)
YUV	187.5680, 5.6360, 59.1379
Hunter-Lab	68.9324, 41.5106, -3.2721

Details

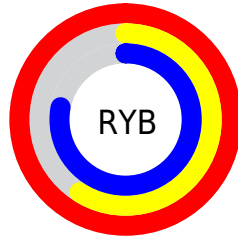
The XYZ color **62.6154, 47.5167, 59.9043** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7868, 82.6052, 71.8283**, and the grayscale version is **47.5068, 49.9809, 54.4292**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **32.2435, 22.5155, 29.4346** is the 20% darker color. If you saturate the color by 10%, you get **57.4233, 39.5700, 50.6595**, and if you desaturate by 10%, it is **68.8411, 57.3002, 70.2045**.

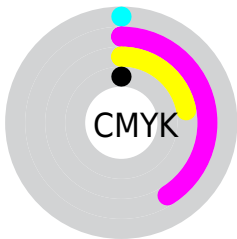
Distribution



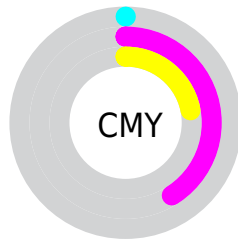
- Red (100%)
- Green (59%)
- Blue (78%)



- 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 62.6154, 47.5167, 59.9043 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 62.6154, 47.5167, 59.9043 by changing the saturation by 10% instead.


 62.6154, 47.5167,
59.9043


 62.6154, 47.5167,
59.9043


423.8542,
376.8732, 442.0398

 45.7876, 33.4443,
42.9167

 107.6994, 86.4844,
106.2328

 32.2822, 22.4670,
29.4889


 136.6863,
112.1485, 136.4109

 21.7337, 14.2005,
19.2022


170.4570,
142.4452, 171.8228

 13.7769, 8.2602,
11.6382

209.3768,
177.7591, 212.8872

 8.0463, 4.2619,
6.3783

253.8111,
218.4744, 260.0225

 4.1766, 1.8211,
3.0039

304.1251,

 1.8025, 0.5003,

264.9756, 313.6474

1.0967

360.6844,
317.6471, 374.1803

■ 0.5192, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6154, 47.5167,
59.9043

■ 62.6154, 47.5167,
59.9043

■ 57.4233, 39.5700,
50.6595

■ 68.8411, 57.3002,
70.2045

■ 53.1999, 33.3364,
42.4282

■ 76.1532, 69.0206,
81.5942

■ 49.8777, 28.6874,
35.1690

■ 84.6050, 82.7785,
94.1088

■ 47.3784, 25.4731,
28.8355

■ 94.2449, 98.6657,
107.7814

■ 45.6090, 23.5141,
23.3752

95.0500, 100.0000,
108.9000

■ 44.4914, 22.5606,
19.0516

Harmonies

Analogous

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



58.4285, 47.5167, 86.5692



62.6154, 47.5167, 59.9043



61.7098, 47.5167, 37.6580

Triad

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



62.6154, 47.5167, 59.9043



39.9342, 47.5167, 19.7856



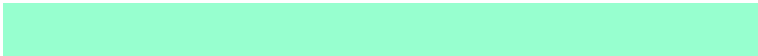
35.7591, 47.5167, 94.8937

Complementary

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



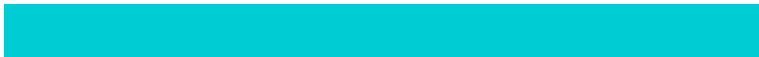
62.6154, 47.5167, 59.9043



59.7868, 82.6052, 71.8283

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.



31.8752, 47.5167, 68.9505



62.6154, 47.5167, 59.9043



34.0749, 47.5167, 27.7830

Square

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



62.6154, 47.5167, 59.9043



47.9314, 47.5167, 18.7016



31.2985, 47.5167, 44.3491



42.5037, 47.5167, 110.4597

Rectangle

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



62.6154, 47.5167, 59.9043



58.3753, 47.5167, 27.6820



31.2985, 47.5167, 44.3491



34.1121, 47.5167, 86.7851

Sweetspot

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



62.6166, 47.5189, 59.9052



83.5128, 80.9904, 92.5230



54.7018, 42.5444, 99.9365



17.6287, 16.9323, 19.4438



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.



62.6166, 47.5189, 59.9052



58.2758, 40.8572, 52.2315



58.4602, 46.7622, 35.2257



18.3581, 18.1266, 20.5030



23.3212, 11.8178, 10.3420



2.3252, 1.1724, 1.2937

Inverse Universe

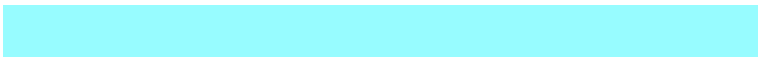
The Inverse Universe completely reimagines the original color for something new.



62.6166, 47.5189, 59.9052



58.2758, 40.8572, 52.2315



65.4778, 83.1281, 107.2020



18.3581, 18.1266, 20.5030



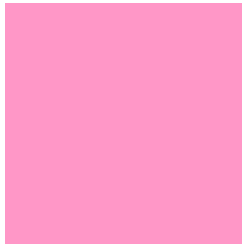
23.3212, 11.8178, 10.3420



2.3252, 1.1724, 1.2937

Previews

White Background



This preview shows how the XYZ color 62.6154, 47.5167, 59.9043 looks on a white background.

Color Contrast Check

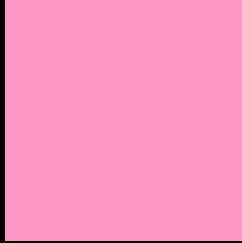
Large Text (above 18pt) WCAG AA × Fail

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 62.6154, 47.5167, 59.9043 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 62.6154, 47.5167, 59.9043

Background



This preview shows how black text looks on a background with the XYZ color 62.6154, 47.5167, 59.9043.



This preview shows how white text looks on a background with the XYZ color 62.6154, 47.5167,

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

62.6154, 47.5167, 59.9043

Protanopia

47.4186, 47.8005, 73.7450

Deuteranopia

48.6840, 47.6061, 57.6619



Tritanopia

59.2697, 47.6365, 43.1167

Trichromacy



Original Color

62.6154, 47.5167, 59.9043



Protanomaly

51.6234, 46.8584, 68.6111



Deuteranomaly

52.8799, 46.8962, 58.4894



Tritanomaly

60.3660, 47.5800, 48.6500

Monochromacy



Original Color

62.6154, 47.5167, 59.9043



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.9958, 48.4628, 56.4829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6154, 47.5167, 59.9043 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, 151, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 199)  
}
```

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, 151, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.6154, 47.5167, 59.9043 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, 151, 199) }
```


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

```
.border{ border-color:rgb(255, 151, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6154, 47.5167, 59.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 199) }
```

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

```
.background{ background-color: rgb(255,  
151, 199) }
```

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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