

Converting Colors

XYZ(68.0552, 51.1969, 51.1688)

Have a look what the booklet for
XYZ(68.0552, 51.1969, 51.1688)
contains.

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Color

**XYZ(61.3428, 47.7901,
50.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AB7
RGB	255, 154, 183
RGB Percent	100%, 60%, 72%
CMY	0.0000, 0.3961, 0.2823
CMYK	0.00, 0.40, 0.28, 0.00
HSL	343°, 100%, 80%
HSV	343°, 40%, 100%
XYZ	61.3428, 47.7901, 50.7910
YIQ	187.5050, 50.8870, 30.4310

Conversions

Conversions Part 2

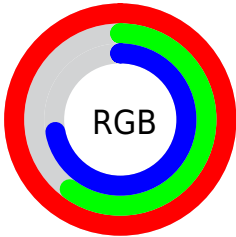
Format	Color
R _Y B	255, 154, 183
Decimal	16751287
CIE Lab	74.69, 41.18, 1.26
CIE LCh	75, 41.198, 1.748
Yxy	47.7901, 0.3836, 0.2988
Android (android.graphics.Color)	4294941367 (0xFFFF9AB7)
YUV	187.5050, -2.2210, 59.1931
Hunter-Lab	69.1304, 37.4137, 4.8301

Details

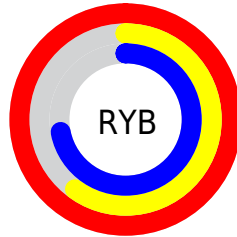
The XYZ color **61.3428, 47.7901, 50.7910** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8160, 83.8820, 84.8358**, and the grayscale version is **47.5126, 49.9870, 54.4358**.

A 20% lighter version of the original color is **79.8666, 73.5852, 91.6553**, and **31.4479, 22.6548, 23.8344** is the 20% darker color. If you saturate the color by 10%, you get **55.8008, 39.5410, 40.2035**, and if you desaturate by 10%, it is **68.0257, 57.9293, 62.9656**.

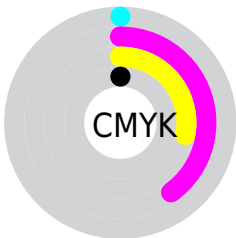
Distribution



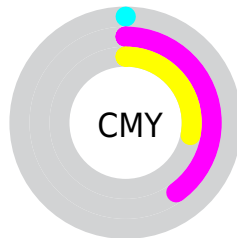
- Red (100%)
- Green (60%)
- Blue (72%)



- Red (100%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3428, 47.7901, 50.7910 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 61.3428, 47.7901, 50.7910 by changing the saturation by 10% instead.


 61.3428, 47.7901,
50.7910


 61.3428, 47.7901,
50.7910


419.2856,
377.9595, 406.5746

 44.7555, 33.6607,
35.6667


 105.8704, 86.8918,
92.7541

 31.4653, 22.6331,
23.8893


 134.5414,
112.6329, 120.4300

 21.1070, 14.3228,
15.0401


167.9711,
143.0133, 153.1269

 13.3151, 8.3455,
8.7006

206.5246,
178.4175, 191.2633

 7.7244, 4.3168,
4.4523

250.5675,
219.2298, 235.2577

 3.9694, 1.8523,
1.8766

300.4651,

 1.6849, 0.5195,

265.8347, 285.5287

0.4778

356.5827,
318.6164, 342.4948

■ 0.4468, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3428, 47.7901,
50.7910

■ 61.3428, 47.7901,
50.7910

■ 55.8008, 39.5410,
40.2035

■ 68.0257, 57.9293,
62.9656

■ 51.3294, 33.0572,
31.1323

■ 75.9065, 70.0593,
76.7882

■ 47.8563, 28.2097,
23.5051

■ 85.0429, 84.2821,
92.3197

■ 45.2983, 24.8486,
17.2419

95.0500, 100.0000,
108.9000

■ 43.5571, 22.7960,
12.2536

■ 42.4845, 21.7753,
8.4293

■ 42.4495, 21.7438,
8.2992

Harmonies

Analogous

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



59.2842, 47.7901, 74.0332



61.3428, 47.7901, 50.7910



58.7626, 47.7901, 33.2554

Triad

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



61.3428, 47.7901, 50.7910



38.2778, 47.7901, 24.3109



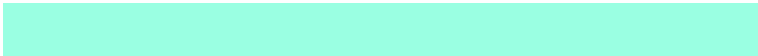
38.9586, 47.7901, 97.3239

Complementary

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



61.3428, 47.7901, 50.7910



62.8160, 83.8820, 84.8358

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.



34.2724, 47.7901, 76.8156



61.3428, 47.7901, 50.7910



33.9107, 47.7901, 34.8936

Square

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



61.3428, 47.7901, 50.7910



44.9865, 47.7901, 20.8009



32.5275, 47.7901, 53.2997



45.8624, 47.7901, 104.9224

Rectangle

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



61.3428, 47.7901, 50.7910



54.9072, 47.7901, 25.9584



32.5275, 47.7901, 53.2997



37.0992, 47.7901, 91.4775

Sweetspot

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



61.3441, 47.7924, 50.7919



82.7377, 80.6803, 88.4415



60.5652, 46.2931, 100.3511



17.4468, 16.8596, 18.4864



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.



61.3441, 47.7924, 50.7919



56.6165, 40.7432, 41.7990



62.2491, 53.9449, 37.7063



18.2238, 18.0728, 19.7956



22.2361, 11.3837, 4.6279



2.2098, 1.1263, 0.6862

Inverse Universe

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



61.3441, 47.7924, 50.7919



56.6165, 40.7432, 41.7990



61.0292, 73.3937, 105.5576



18.2238, 18.0728, 19.7956



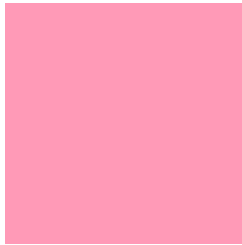
22.2361, 11.3837, 4.6279



2.2098, 1.1263, 0.6862

Previews

White Background



This preview shows how the XYZ color 61.3428, 47.7901, 50.7910 looks on a white background.

Color Contrast Check

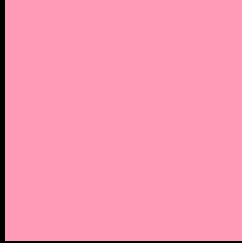
Large Text (above 18pt) WCAG AA × Fail

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 61.3428, 47.7901, 50.7910 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 61.3428, 47.7901, 50.7910

Background



This preview shows how black text looks on a background with the XYZ color 61.3428, 47.7901, 50.7910.



This preview shows how white text looks on a background with the XYZ color 61.3428, 47.7901,

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

61.3428, 47.7901, 50.7910

Protanopia

46.8873, 48.1044, 61.4574

Deuteranopia

48.9589, 47.9328, 49.3194



Tritanopia

59.9979, 48.0119, 43.1508

Trichromacy



Original Color

61.3428, 47.7901, 50.7910



Protanomaly

50.7846, 46.9554, 57.4256



Deuteranomaly

52.8576, 47.3592, 49.5354



Tritanomaly

60.3043, 47.8649, 45.5956

Monochromacy



Original Color

61.3428, 47.7901, 50.7910



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.5396, 48.5929, 53.1173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3428, 47.7901, 50.7910 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, 154, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 183)  
}
```

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, 154, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.3428, 47.7901, 50.7910 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, 154, 183) }
```


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

```
.border{ border-color:rgb(255, 154, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 154, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3428, 47.7901, 50.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 183) }
```

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

```
.background{ background-color: rgb(255,  
154, 183) }
```

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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