

Converting Colors

XYZ(61.1546, 47.4527, 50.6077)

Have a look what the booklet for
XYZ(61.1546, 47.4527, 50.6077)
contains.

XYZ(61.1785, 47.4614, 50.7362)	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(61.1785, 47.4614,
50.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99B7
RGB	255, 153, 183
RGB Percent	100%, 60%, 72%
CMY	0.0000, 0.4000, 0.2823
CMYK	0.00, 0.40, 0.28, 0.00
HSL	342°, 100%, 80%
HSV	342°, 40%, 100%
XYZ	61.1785, 47.4614, 50.7362
YIQ	186.9180, 51.1620, 30.9540

Conversions

Conversions Part 2

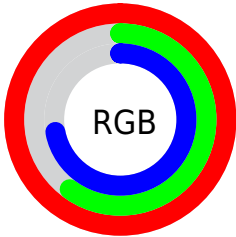
Format	Color
R_{YB}	255, 153, 183
Decimal	16751031
CIE _{Lab}	74.48, 41.69, 0.95
CIE _{LCh}	74, 41.702, 1.309
Yxy	47.4614, 0.3839, 0.2978
Android (android.graphics.Color)	4294941111 (0xFFFF99B7)
YUV	186.9180, -1.9316, 59.7079
Hunter-Lab	68.8922, 37.9523, 4.5600

Details

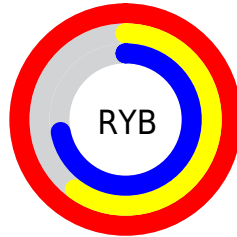
The XYZ color **61.1785, 47.4614, 50.7362** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.4896, 83.7295, 84.1063**, and the grayscale version is **47.1794, 49.6364, 54.0541**.

A 20% lighter version of the original color is **79.6205, 73.0929, 91.5732**, and **31.3514, 22.4618, 23.8023** is the 20% darker color. If you saturate the color by 10%, you get **55.6865, 39.2866, 40.2454**, and if you desaturate by 10%, it is **67.8043, 57.5200, 62.7883**.

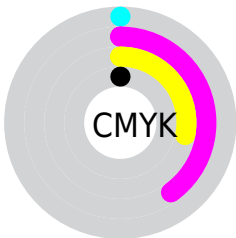
Distribution



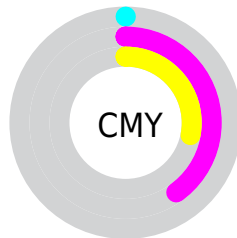
- Red (100%)
- Green (60%)
- Blue (72%)



- 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 61.1785, 47.4614, 50.7362 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 61.1785, 47.4614, 50.7362 by changing the saturation by 10% instead.


 61.1785, 47.4614,
50.7362


 61.1785, 47.4614,
50.7362


418.6936,
376.6533, 406.3552

 44.6223, 33.4006,
35.6234


 105.6340, 86.4019,
92.6722

 31.3601, 22.4335,
23.8561


 134.2640,
112.0504, 120.3326

 21.0263, 14.1758,
15.0157


167.6494,
142.3303, 153.0125

 13.2558, 8.2430,
8.6837

206.1555,
177.6258, 191.1306

 7.6832, 4.2508,
4.4414

250.1475,
218.3215, 235.1054

 3.9430, 1.8148,
1.8705

299.9910,

 1.6699, 0.4964,

264.8017, 285.3554

0.4739

356.0513,
317.4508, 342.2992

■ 0.4373, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1785, 47.4614,
50.7362

■ 61.1785, 47.4614,
50.7362

■ 55.6865, 39.2866,
40.2454

■ 67.8043, 57.5200,
62.7883

■ 51.2584, 32.8706,
31.2464

■ 75.6210, 69.5636,
76.4613

■ 47.8218, 28.0839,
23.6684

■ 84.6864, 83.6942,
91.8148

■ 45.2932, 24.7759,
17.4331

95.0500, 100.0000,
108.9000

■ 43.5742, 22.7674,
12.4529

■ 42.5099, 21.7681,
8.6169

■ 42.5097, 21.7679,
8.6160

Harmonies

Analogous

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



59.0320, 47.4614, 74.2350



61.1785, 47.4614, 50.7362



58.6373, 47.4614, 32.9949

Triad

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



61.1785, 47.4614, 50.7362



38.0012, 47.4614, 23.7415



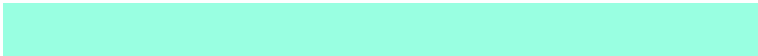
38.5143, 47.4614, 97.2216

Complementary

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



61.1785, 47.4614, 50.7362



62.4896, 83.7295, 84.1063

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.



33.8427, 47.4614, 76.3428



61.1785, 47.4614, 50.7362



33.5704, 47.4614, 34.2261

Square

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



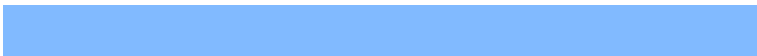
61.1785, 47.4614, 50.7362



44.7808, 47.4614, 20.3324



32.1356, 47.4614, 52.6302



45.4421, 47.4614, 105.1661

Rectangle

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



61.1785, 47.4614, 50.7362



54.7742, 47.4614, 25.6105



32.1356, 47.4614, 52.6302



36.6563, 47.4614, 91.2420

Sweetspot

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



61.1797, 47.4636, 50.7371



82.7683, 80.6926, 88.6027



60.3076, 45.9163, 100.2919



17.4540, 16.8625, 18.5242



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.



61.1797, 47.4636, 50.7371



56.6964, 40.7751, 42.2194



62.0118, 53.6030, 37.2180



18.2291, 18.0750, 19.8236



22.2686, 11.3967, 4.7987



2.2135, 1.1278, 0.7059

Inverse Universe

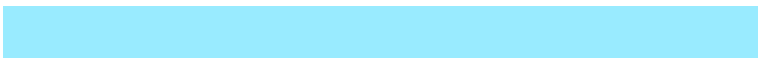
The Inverse Universe completely reimagines the original color for something new.



61.1797, 47.4636, 50.7371



56.6964, 40.7751, 42.2194



60.7825, 73.1816, 105.5296



18.2291, 18.0750, 19.8236



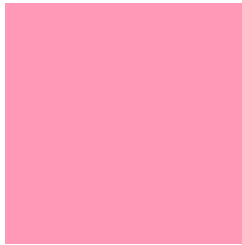
22.2686, 11.3967, 4.7987



2.2135, 1.1278, 0.7059

Previews

White Background



This preview shows how the XYZ color 61.1785, 47.4614, 50.7362 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 61.1785, 47.4614, 50.7362 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 61.1785, 47.4614, 50.7362

Background



This preview shows how black text looks on a background with the XYZ color 61.1785, 47.4614, 50.7362.



This preview shows how white text looks on a background with the XYZ color 61.1785, 47.4614,

50.7362.

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

61.1785, 47.4614, 50.7362

Protanopia

46.4447, 47.5711, 61.3778

Deuteranopia

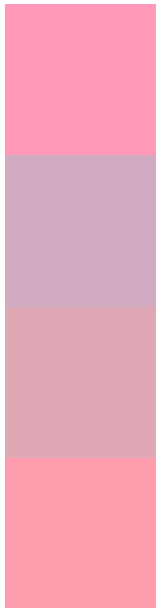
48.6857, 47.7920, 49.3066



Tritanopia

59.3715, 47.4496, 42.5887

Trichromacy



Original Color

61.1785, 47.4614, 50.7362

Protanomaly

50.5950, 46.5762, 57.3624

Deuteranomaly

52.5504, 47.2008, 49.5210

Tritanomaly

60.1372, 47.5307, 45.5399

Monochromacy



Original Color

61.1785, 47.4614, 50.7362

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

51.3443, 48.2022, 53.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1785, 47.4614, 50.7362 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.1785, 47.4614, 50.7362 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, 183) }
```


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

```
.border{ border-color:rgb(255, 153, 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, 153, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1785, 47.4614, 50.7362 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, 183) }
```

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

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