

Converting Colors

XYZ(63.3094, 49.5287, 47.7763)

Have a look what the booklet for
XYZ(63.3094, 49.5287, 47.7763)
contains.

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Color

**XYZ(61.2328, 48.5483,
47.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DB1
RGB	255, 157, 177
RGB Percent	100%, 62%, 69%
CMY	0.0000, 0.3843, 0.3059
CMYK	0.00, 0.38, 0.31, 0.00
HSL	348°, 100%, 81%
HSV	348°, 38%, 100%
XYZ	61.2328, 48.5483, 47.7384
YIQ	188.5820, 51.9880, 26.9960

Conversions

Conversions Part 2

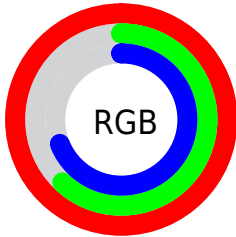
Format	Color
R_{YB}	255, 157, 177
Decimal	16752049
CIE _{Lab}	75.17, 38.86, 5.25
CIE _{LCh}	75, 39.217, 7.695
Yxy	48.5483, 0.3887, 0.3082
Android (android.graphics.Color)	4294942129 (0xFFFF9DB1)
YUV	188.5820, -5.7099, 58.2486
Hunter-Lab	69.6766, 34.9343, 8.1515

Details

The XYZ color **61.2328, 48.5483, 47.7384** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6622, 84.6873, 91.5398**, and the grayscale version is **48.1431, 50.6503, 55.1582**.

A 20% lighter version of the original color is **79.7422, 74.7317, 87.3126**, and **31.4169, 23.1171, 22.2082** is the 20% darker color. If you saturate the color by 10%, you get **55.4851, 40.0533, 36.5726**, and if you desaturate by 10%, it is **68.1842, 58.9688, 60.7910**.

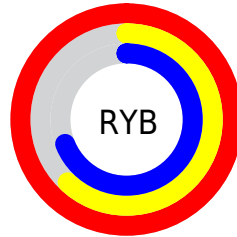
Distribution



Red (100%)

Green (62%)

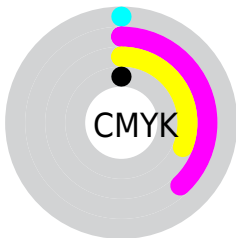
Blue (69%)



Red (100%)

Yellow (62%)

Blue (69%)

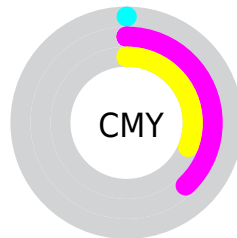


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2328, 48.5483, 47.7384 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 61.2328, 48.5483, 47.7384 by changing the saturation by 10% instead.


 61.2328, 48.5483,
47.7384


 61.2328, 48.5483,
47.7384


418.8894,
380.9614, 394.2330

 44.6663, 34.2613,
33.2612

 105.7121, 88.0202,
88.1763

 31.3948, 23.0944,
22.0539


 134.3557,
113.9739, 114.9741

 21.0530, 14.6632,
13.6978


167.7557,
144.5853, 146.7158

 13.2754, 8.5834,
7.7745

206.2775,
180.2388, 183.8201

 7.6968, 4.4704,
3.8653

250.2864,
221.3187, 226.7054

 3.9517, 1.9401,
1.5517

300.1477,

 1.6749, 0.5723,

268.2095, 275.7903

0.2560

356.2270,
321.2956, 331.4933

■ 0.4405, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2328, 48.5483,
47.7384

■ 61.2328, 48.5483,
47.7384

■ 55.4851, 40.0533,
36.5726

■ 68.1842, 58.9688,
60.7910

■ 50.8677, 33.3586,
27.2023

■ 76.3995, 71.4159,
75.8102

■ 47.3047, 28.3353,
19.5326

■ 85.9394, 85.9919,
92.8745

■ 44.7092, 24.8341,
13.4582

95.0500, 100.0000,
108.9000

■ 42.9796, 22.6789,
8.8617

■ 41.9783, 21.6249,
5.6035

■ 41.8605, 21.5082,
5.1975

Harmonies

Analogous

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



60.1413, 48.5483, 69.3443



61.2328, 48.5483, 47.7384



57.9611, 48.5483, 32.1717

Triad

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



61.2328, 48.5483, 47.7384



38.2015, 48.5483, 27.3277



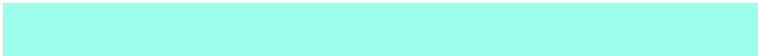
41.0964, 48.5483, 98.5644

Complementary

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



61.2328, 48.5483, 47.7384



64.6622, 84.6873, 91.5398

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.



36.0527, 48.5483, 80.9310



61.2328, 48.5483, 47.7384



34.5063, 48.5483, 39.2213

Square

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



61.2328, 48.5483, 47.7384



44.3186, 48.5483, 22.5474



33.7625, 48.5483, 58.3372



48.0182, 48.5483, 102.5624

Rectangle

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



61.2328, 48.5483, 47.7384



53.9276, 48.5483, 25.9762



33.7625, 48.5483, 58.3372



39.1474, 48.5483, 93.8489

Sweetspot

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



61.2340, 48.5506, 47.7393



82.3768, 80.5360, 86.5409



63.9637, 48.7895, 100.6538



17.3624, 16.8258, 18.0417



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.



61.2340, 48.5506, 47.7393



56.7745, 41.9466, 39.1160



64.6276, 58.2970, 39.7475



18.1609, 18.0477, 19.4645



21.9154, 11.2554, 2.9388



2.1708, 1.1107, 0.4810

Inverse Universe

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



61.2340, 48.5506, 47.7393



56.7745, 41.9466, 39.1160



59.4894, 69.4557, 104.8786



18.1609, 18.0477, 19.4645



21.9154, 11.2554, 2.9388



2.1708, 1.1107, 0.4810

Previews

White Background



This preview shows how the XYZ color 61.2328, 48.5483, 47.7384 looks on a white background.

Color Contrast Check

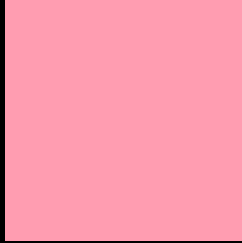
Large Text (above 18pt) WCAG AA × Fail

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 61.2328, 48.5483, 47.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

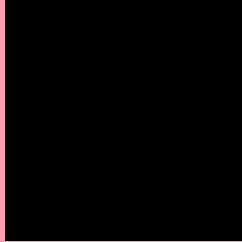
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2328, 48.5483, 47.7384

Background



This preview shows how black text looks on a background with the XYZ color 61.2328, 48.5483, 47.7384.



This preview shows how white text looks on a background with the XYZ color 61.2328, 48.5483,

47.7384.

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

61.2328, 48.5483, 47.7384

Protanopia

47.2596, 48.6960, 57.3605

Deuteranopia

49.6753, 48.6672, 46.3107



Tritanopia

60.3556, 48.4268, 44.1964

Trichromacy



Original Color

61.2328, 48.5483, 47.7384



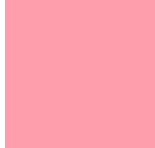
Protanomaly

51.2571, 47.8570, 53.5495



Deuteranomaly

53.2542, 48.1894, 46.5391



Tritanomaly

60.6427, 48.5417, 45.7084

Monochromacy



Original Color

61.2328, 48.5483, 47.7384



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9197, 49.0932, 52.6384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2328, 48.5483, 47.7384 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, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 177)  
}
```

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, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 177) }
```

Border

The CSS property to change the border of an element to XYZ 61.2328, 48.5483, 47.7384 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, 157, 177) }
```


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

```
.border{ border-color:rgb(255, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2328, 48.5483, 47.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 177) }
```

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

```
.background{ background-color: rgb(255,  
157, 177) }
```

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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