

Converting Colors

XYZ(78.6348, 56.9321, 45.3689)

Have a look what the booklet for
XYZ(78.6348, 56.9321, 45.3689)
contains.

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Color

**XYZ(60.1463, 47.3115,
44.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AAB
RGB	255, 154, 171
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.3961, 0.3294
CMYK	0.00, 0.40, 0.33, 0.00
HSL	350°, 100%, 80%
HSV	350°, 40%, 100%
XYZ	60.1463, 47.3115, 44.4900
YIQ	186.1370, 54.7390, 26.6990

Conversions

Conversions Part 2

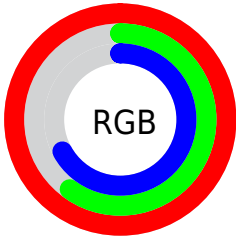
Format	Color
R_{YB}	255, 154, 171
Decimal	16751275
CIE _{Lab}	74.39, 39.66, 7.43
CIE _{LCh}	74, 40.351, 10.614
Yxy	47.3115, 0.3958, 0.3114
Android (android.graphics.Color)	4294941355 (0xFFFF9AAB)
YUV	186.1370, -7.4625, 60.3929
Hunter-Lab	68.7834, 35.7151, 9.7988

Details

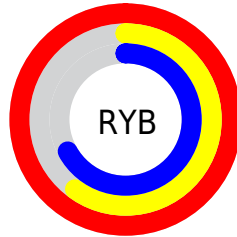
The XYZ color **60.1463, 47.3115, 44.4900** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.5212, 84.5641, 93.8153**, and the grayscale version is **46.7691, 49.2048, 53.5840**.

A 20% lighter version of the original color is **78.0141, 72.8442, 81.9001**, and **30.7484, 22.3750, 20.1510** is the 20% darker color. If you saturate the color by 10%, you get **54.5137, 39.0262, 33.4260**, and if you desaturate by 10%, it is **66.9996, 57.5189, 57.5623**.

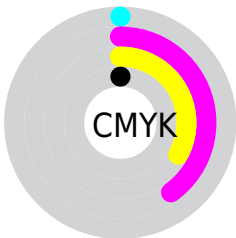
Distribution



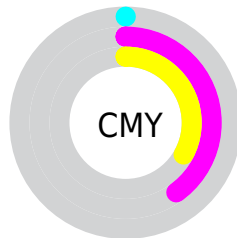
- Red (100%)
- Green (60%)
- Blue (67%)



- Red (100%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1463, 47.3115, 44.4900 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 60.1463, 47.3115, 44.4900 by changing the saturation by 10% instead.


 60.1463, 47.3115,
44.4900


 60.1463, 47.3115,
44.4900


414.9629,
376.0565, 380.8038

 43.7865, 33.2820,
30.7159


 104.1470, 86.1784,
83.2649

 30.6999, 22.3425,
20.1260


 132.5186,
111.7846, 109.1028

 20.5211, 14.1088,
12.3016


165.6248,
142.0184, 139.7989

 12.8849, 8.1964,
6.8244

203.8310,
177.2643, 175.7720

 7.4258, 4.2209,
3.2758

247.5026,
217.9067, 217.4405

 3.7785, 1.7979,
1.2371

297.0049,

 1.5776, 0.4858,

264.3299, 265.2229

0.0094

352.7032,
316.9184, 319.5379

■ 0.3777, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1463, 47.3115,
44.4900

■ 60.1463, 47.3115,
44.4900

■ 54.5137, 39.0262,
33.4260

■ 66.9996, 57.5189,
57.5623

■ 50.0257, 32.5358,
24.2671

■ 75.1365, 69.7513,
72.7334

■ 46.6030, 27.7084,
16.9052

■ 84.6198, 84.1129,
90.0915

■ 44.1546, 24.3911,
11.2196

95.0500, 100.0000,
108.9000

■ 42.5736, 22.4026,
7.0745

■ 41.7008, 21.4618,
4.3026

■ 41.6744, 21.4337,
4.2174

Harmonies

Analogous

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



59.4773, 47.3115, 65.9705



60.1463, 47.3115, 44.4900



56.4301, 47.3115, 29.6103

Triad

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



60.1463, 47.3115, 44.4900



36.4725, 47.3115, 26.7179



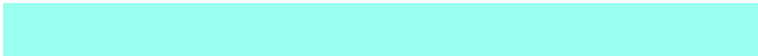
40.4880, 47.3115, 99.2291

Complementary

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



60.1463, 47.3115, 44.4900



64.5212, 84.5641, 93.8153

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.



35.1740, 47.3115, 82.1985



60.1463, 47.3115, 44.4900



33.0342, 47.3115, 39.3409

Square

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



60.1463, 47.3115, 44.4900



42.4435, 47.3115, 21.3445



32.5859, 47.3115, 59.2413



47.5910, 47.3115, 101.7019

Rectangle

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



60.1463, 47.3115, 44.4900



52.1784, 47.3115, 23.9229



32.5859, 47.3115, 59.2413



38.4548, 47.3115, 94.8372

Sweetspot

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



60.1475, 47.3138, 44.4909



82.2230, 80.4744, 85.7308



64.3599, 48.2494, 100.5287



17.3265, 16.8115, 17.8525



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.



60.1475, 47.3138, 44.4909



55.3389, 40.2321, 35.0709



64.6297, 58.7061, 38.4999



18.1341, 18.0369, 19.3231



21.8120, 11.2141, 2.3944



2.1570, 1.1052, 0.4080

Inverse Universe

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



60.1475, 47.3138, 44.4909



55.3389, 40.2321, 35.0709



57.7704, 66.8761, 104.4713



18.1341, 18.0369, 19.3231



21.8120, 11.2141, 2.3944



2.1570, 1.1052, 0.4080

Previews

White Background



This preview shows how the XYZ color 60.1463, 47.3115, 44.4900 looks on a white background.

Color Contrast Check

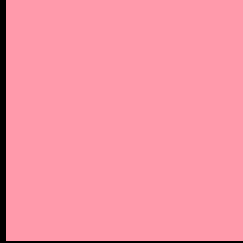
Large Text (above 18pt) WCAG AA × Fail

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 60.1463, 47.3115, 44.4900 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 60.1463, 47.3115, 44.4900

Background



This preview shows how black text looks on a background with the XYZ color 60.1463, 47.3115, 44.4900.



This preview shows how white text looks on a background with the XYZ color 60.1463, 47.3115,

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

60.1463, 47.3115, 44.4900

Protanopia

45.9473, 47.4829, 53.7571

Deuteranopia

48.4293, 47.4997, 43.1751



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

60.1463, 47.3115, 44.4900



Protanomaly

49.9570, 46.6901, 50.0951



Deuteranomaly

51.9963, 47.0504, 43.3869



Tritanomaly

60.0292, 47.5298, 43.0561

Monochromacy



Original Color

60.1463, 47.3115, 44.4900



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.3405, 47.4572, 50.2230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1463, 47.3115, 44.4900 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 60.1463, 47.3115, 44.4900 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, 171) }
```


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

```
.border{ border-color:rgb(255, 154, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1463, 47.3115, 44.4900 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, 171) }
```

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

```
.background{ background-color: rgb(255,  
154, 171) }
```

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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