

Converting Colors

XYZ(60.4250, 47.1788, 46.7118)

Have a look what the booklet for
XYZ(60.4250, 47.1788, 46.7118)
contains.

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Color

**XYZ(60.3691, 47.1376,
46.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99AF
RGB	255, 153, 175
RGB Percent	100%, 60%, 69%
CMY	0.0000, 0.4000, 0.3137
CMYK	0.00, 0.40, 0.31, 0.00
HSL	347°, 100%, 80%
HSV	347°, 40%, 100%
XYZ	60.3691, 47.1376, 46.4741
YIQ	186.0060, 53.7300, 28.4660

Conversions

Conversions Part 2

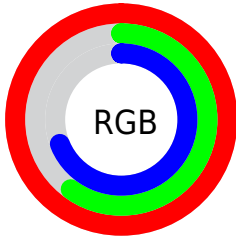
Format	Color
R_{YB}	255, 153, 175
Decimal	16751023
CIE _{Lab}	74.28, 40.67, 5.07
CIE _{LCh}	74, 40.982, 7.102
Yxy	47.1376, 0.3921, 0.3061
Android (android.graphics.Color)	4294941103 (0xFFFF99AF)
YUV	186.0060, -5.4260, 60.5077
Hunter-Lab	68.6568, 36.8034, 7.9261

Details

The XYZ color **60.3691, 47.1376, 46.4741** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6069, 84.1765, 89.9903**, and the grayscale version is **46.6850, 49.1163, 53.4876**.

A 20% lighter version of the original color is **78.3234, 72.5741, 84.7430**, and **30.8973, 22.2802, 21.4109** is the 20% darker color. If you saturate the color by 10%, you get **54.8114, 38.9365, 35.6370**, and if you desaturate by 10%, it is **67.1120, 57.2430, 59.1428**.

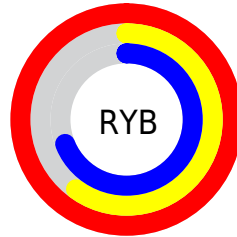
Distribution



Red (100%)

Green (60%)

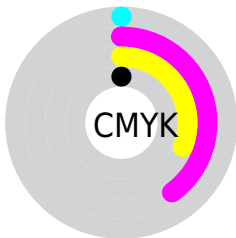
Blue (69%)



Red (100%)

Yellow (60%)

Blue (69%)

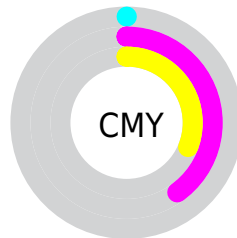


Cyan (0%)

Magenta (40%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3691, 47.1376, 46.4741 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 60.3691, 47.1376, 46.4741 by changing the saturation by 10% instead.


 60.3691, 47.1376,
46.4741


 60.3691, 47.1376,
46.4741


415.7699,
375.3635, 389.0442

 43.9668, 33.1444,
32.2687

 104.4682, 85.9190,
86.2698

 30.8422, 22.2371,
21.3003


 132.8957,
111.4760, 112.6973

 20.6300, 14.0312,
13.1503


166.0624,
141.6564, 144.0358

 12.9647, 8.1424,
7.4002

204.3335,
176.8447, 180.7041

 7.4811, 4.1862,
3.6314

248.0745,
217.4251, 223.1205

 3.8137, 1.7783,
1.4254

297.6506,

 1.5973, 0.4736,

263.7821, 271.7036

0.1614

353.4273,
316.3001, 326.8720

■ 0.3907, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3691, 47.1376,
46.4741

■ 60.3691, 47.1376,
46.4741

■ 54.8114, 38.9365,
35.6370

■ 67.1120, 57.2430,
59.1428

■ 50.3651, 32.5133,
26.5424

■ 75.1006, 69.3554,
73.7208

■ 46.9539, 27.7367,
19.0980

■ 84.3957, 83.5779,
90.2845

■ 44.4895, 24.4544,
13.2010

95.0500, 100.0000,
108.9000

■ 42.8684, 22.4851,
8.7365

■ 41.9295, 21.5359,
5.5607

■ 41.9293, 21.5357,
5.5600

Harmonies

Analogous

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



59.1491, 47.1376, 68.7702



60.3691, 47.1376, 46.4741



57.0678, 47.1376, 30.5480

Triad

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



60.3691, 47.1376, 46.4741



36.7948, 47.1376, 25.3056



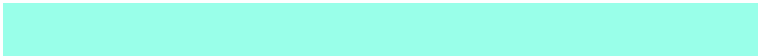
39.5176, 47.1376, 98.4612

Complementary

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



60.3691, 47.1376, 46.4741



63.6069, 84.1765, 89.9903

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.



34.4346, 47.1376, 79.8701



60.3691, 47.1376, 46.4741



32.9870, 47.1376, 37.1115

Square

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



60.3691, 47.1376, 46.4741



43.0755, 47.1376, 20.6908



32.1728, 47.1376, 56.5019



46.5758, 47.1376, 102.9809

Rectangle

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



60.3691, 47.1376, 46.4741



52.9397, 47.1376, 24.2560



32.1728, 47.1376, 56.5019



37.5457, 47.1376, 93.4439

Sweetspot

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



60.3703, 47.1399, 46.4750



82.4269, 80.5560, 86.8049



63.0144, 47.3117, 100.4186



17.3741, 16.8305, 18.1035



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.



60.3703, 47.1399, 46.4750



55.8304, 40.4288, 37.6595



63.6988, 56.9771, 37.7803



18.1697, 18.0512, 19.5106



21.9533, 11.2706, 3.1384



2.1757, 1.1127, 0.5066

Inverse Universe

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



60.3703, 47.1399, 46.4750



55.8304, 40.4288, 37.6595



58.4122, 68.4411, 104.7395



18.1697, 18.0512, 19.5106



21.9533, 11.2706, 3.1384



2.1757, 1.1127, 0.5066

Previews

White Background



This preview shows how the XYZ color 60.3691, 47.1376, 46.4741 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 60.3691, 47.1376, 46.4741 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 60.3691, 47.1376, 46.4741

Background



This preview shows how black text looks on a background with the XYZ color 60.3691, 47.1376, 46.4741.



This preview shows how white text looks on a background with the XYZ color 60.3691, 47.1376,

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

60.3691, 47.1376, 46.4741

Protanopia

46.0095, 47.4520, 56.6034

Deuteranopia

48.2497, 47.3637, 45.1272



Tritanopia

59.4773, 47.2667, 42.0650

Trichromacy



Original Color

60.3691, 47.1376, 46.4741



Protanomaly

50.0042, 46.3726, 52.7697



Deuteranomaly

51.8805, 46.6718, 45.3039



Tritanomaly

59.5901, 47.0466, 43.4763

Monochromacy



Original Color

60.3691, 47.1376, 46.4741



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.4435, 47.4984, 50.7654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3691, 47.1376, 46.4741 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.3691, 47.1376, 46.4741 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, 175) }
```


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

```
.border{ border-color:rgb(255, 153, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3691, 47.1376, 46.4741 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
153, 175) }
```

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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