

Converting Colors

XYZ(60.1435, 47.0474, 45.2863)

Have a look what the booklet for
XYZ(60.1435, 47.0474, 45.2863)
contains.

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Color

**XYZ(60.1741, 47.0596,
45.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99AD
RGB	255, 153, 173
RGB Percent	100%, 60%, 68%
CMY	0.0000, 0.4000, 0.3216
CMYK	0.00, 0.40, 0.32, 0.00
HSL	348°, 100%, 80%
HSV	348°, 40%, 100%
XYZ	60.1741, 47.0596, 45.4471
YIQ	185.7780, 54.3720, 27.8440

Conversions

Conversions Part 2

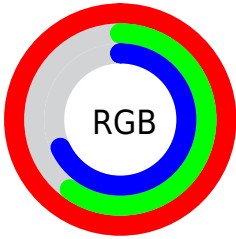
Format	Color
RYB	255, 153, 173
Decimal	16751021
CIELab	74.23, 40.42, 6.10
CIELCh	74, 40.877, 8.580
Yxy	47.0596, 0.3941, 0.3082
Android (android.graphics.Color)	4294941101 (0xFFFF99AD)
YUV	185.7780, -6.2996, 60.7077
Hunter-Lab	68.6000, 36.5255, 8.7407

Details

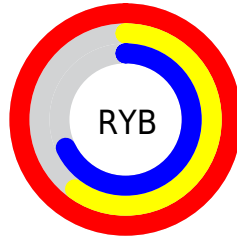
The XYZ color **60.1741, 47.0596, 45.4471** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8943, 84.2914, 91.5038**, and the grayscale version is **46.5619, 48.9868, 53.3466**.

A 20% lighter version of the original color is **78.0441, 72.4624, 83.2721**, and **30.7733, 22.2306, 20.7582** is the 20% darker color. If you saturate the color by 10%, you get **54.6035, 38.8534, 34.5425**, and if you desaturate by 10%, it is **66.9432, 57.1755, 58.2540**.

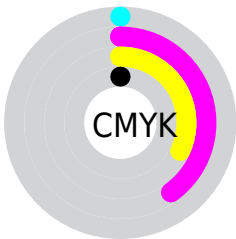
Distribution



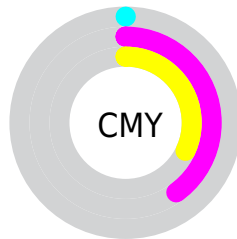
- Red (100%)
- Green (60%)
- Blue (68%)



- Red (100%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1741, 47.0596, 45.4471 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 60.1741, 47.0596, 45.4471 by changing the saturation by 10% instead.


 60.1741, 47.0596,
45.4471


 60.1741, 47.0596,
45.4471


415.0637,
375.0524, 384.7941

 43.8090, 33.0828,
31.4642


 104.1871, 85.8026,
84.7165

 30.7176, 22.1899,
20.6912


 132.5657,
111.3375, 110.8401

 20.5347, 13.9965,
12.7094


165.6794,
141.4940, 141.8476

 12.8948, 8.1182,
7.1004

203.8938,
176.6563, 178.1577

 7.4327, 4.1707,
3.4456

247.5740,
217.2089, 220.1889

 3.7828, 1.7695,
1.3264

297.0855,

 1.5800, 0.4681,

263.5362, 268.3596

0.0833

352.7936,
316.0225, 323.0885

■ 0.3793, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1741, 47.0596,
45.4471

■ 60.1741, 47.0596,
45.4471

■ 54.6035, 38.8534,
34.5425

■ 66.9432, 57.1755,
58.2540

■ 50.1568, 32.4300,
25.4455

■ 74.9725, 69.3041,
73.0461

■ 46.7562, 27.6577,
18.0572

■ 84.3236, 83.5490,
89.9046

■ 44.3123, 24.3835,
12.2678

95.0500, 100.0000,
108.9000

■ 42.7198, 22.4256,
7.9537

■ 41.8157, 21.4904,
4.9611

■ 41.8155, 21.4902,
4.9605

Harmonies

Analogous

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



59.1847, 47.0596, 67.4520



60.1741, 47.0596, 45.4471



56.6848, 47.0596, 29.9534

Triad

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



60.1741, 47.0596, 45.4471



36.4975, 47.0596, 25.7060



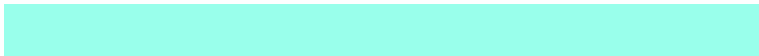
39.7732, 47.0596, 98.7895

Complementary

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



60.1741, 47.0596, 45.4471



63.8943, 84.2914, 91.5038

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.



34.5845, 47.0596, 80.7812



60.1741, 47.0596, 45.4471



32.8420, 47.0596, 37.8590

Square

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



60.1741, 47.0596, 45.4471



42.6575, 47.0596, 20.7787



32.1821, 47.0596, 57.5052



46.8660, 47.0596, 102.4555

Rectangle

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



60.1741, 47.0596, 45.4471



52.4913, 47.0596, 23.9223



32.1821, 47.0596, 57.5052



37.7719, 47.0596, 94.0157

Sweetspot

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



60.1753, 47.0618, 45.4480



82.3423, 80.5222, 86.3592



63.5718, 47.5991, 100.4447



17.3543, 16.8226, 17.9993



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.



60.1753, 47.0618, 45.4480



55.6241, 40.3462, 36.5731



64.0488, 57.6771, 37.8970



18.1549, 18.0453, 19.4328



21.8905, 11.2455, 2.8079



2.1676, 1.1094, 0.4639

Inverse Universe

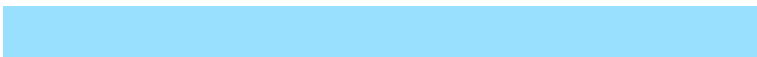
The Inverse Universe completely reimagines the original color for something new.



60.1753, 47.0618, 45.4480



55.6241, 40.3462, 36.5731



57.9520, 67.5206, 104.5861



18.1549, 18.0453, 19.4328



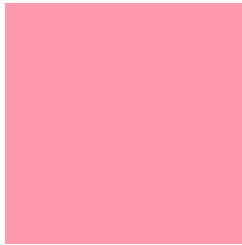
21.8905, 11.2455, 2.8079



2.1676, 1.1094, 0.4639

Previews

White Background



This preview shows how the XYZ color 60.1741, 47.0596, 45.4471 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 60.1741, 47.0596, 45.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

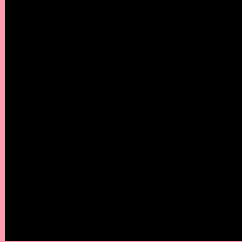
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1741, 47.0596, 45.4471

Background



This preview shows how black text looks on a background with the XYZ color 60.1741, 47.0596, 45.4471.



This preview shows how white text looks on a background with the XYZ color 60.1741, 47.0596,

45.4471.

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

60.1741, 47.0596, 45.4471

Protanopia

45.6804, 47.3204, 54.8702

Deuteranopia

48.3372, 47.4307, 44.1435



Tritanopia

59.3116, 46.9352, 42.0097

Trichromacy



Original Color

60.1741, 47.0596, 45.4471



Protanomaly

49.6885, 46.2464, 51.1073



Deuteranomaly

51.9988, 46.7548, 44.3142



Tritanomaly

59.5901, 47.0466, 43.4763

Monochromacy



Original Color

60.1741, 47.0596, 45.4471



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 60.1741, 47.0596, 45.4471 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.1741, 47.0596, 45.4471 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, 173) }
```


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

```
.border{ border-color:rgb(255, 153, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1741, 47.0596, 45.4471 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
153, 173) }
```

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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