

Converting Colors

XYZ(60.2960, 46.5819, 47.7126)

Have a look what the booklet for
XYZ(60.2960, 46.5819, 47.7126)
contains.

XYZ(60.3425, 46.6076, 47.9352)	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(60.3425, 46.6076,
47.9352)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97B2
RGB	255, 151, 178
RGB Percent	100%, 59%, 70%
CMY	0.0000, 0.4078, 0.3020
CMYK	0.00, 0.41, 0.30, 0.00
HSL	344°, 100%, 80%
HSV	344°, 41%, 100%
XYZ	60.3425, 46.6076, 47.9352
YIQ	185.1740, 53.3170, 30.4450

Conversions

Conversions Part 2

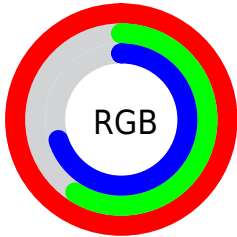
Format	Color
R_{YB}	255, 151, 178
Decimal	16750514
CIE _{Lab}	73.94, 42.07, 2.92
CIE _{LCh}	74, 42.170, 3.970
Yxy	46.6076, 0.3896, 0.3009
Android (android.graphics.Color)	4294940594 (0xFFFF97B2)
YUV	185.1740, -3.5368, 61.2374
Hunter-Lab	68.2698, 38.3011, 6.1587

Details

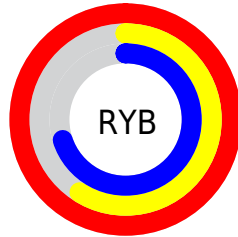
The XYZ color **60.3425, 46.6076, 47.9352** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.5282, 83.7017, 86.2636**, and the grayscale version is **46.2104, 48.6170, 52.9439**.

A 20% lighter version of the original color is **78.4041, 71.8262, 87.5734**, and **30.8343, 21.9518, 22.0140** is the 20% darker color. If you saturate the color by 10%, you get **54.9064, 38.5633, 37.4051**, and if you desaturate by 10%, it is **66.9294, 56.5356, 60.1372**.

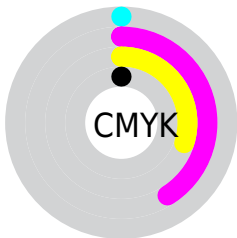
Distribution



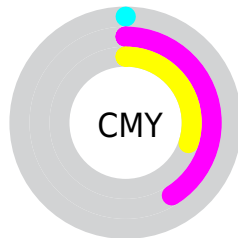
- Red (100%)
- Green (59%)
- Blue (70%)



- Red (100%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (41%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3425, 46.6076, 47.9352 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 60.3425, 46.6076, 47.9352 by changing the saturation by 10% instead.


 60.3425, 46.6076,
47.9352


 60.3425, 46.6076,
47.9352


415.6736,
373.2460, 395.0365

 43.9453, 32.7256,
33.4159


 104.4299, 85.1276,
88.4725

 30.8252, 21.9163,
22.1716


 132.8507,
110.5343, 115.3275

 20.6170, 13.7954,
13.7835


166.0102,
140.5514, 147.1317

 12.9552, 7.9785,
7.8332

204.2735,
175.5633, 184.3033

 7.4745, 4.0812,
3.9022

248.0062,
215.9543, 227.2611

 3.8095, 1.7191,
1.5718

297.5736,

 1.5949, 0.4360,

262.1088, 276.4236

0.2706

353.3409,
314.4113, 332.2092

■ 0.3891, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3425, 46.6076,
47.9352

■ 60.3425, 46.6076,
47.9352

■ 54.9064, 38.5633,
37.4051

■ 66.9294, 56.5356,
60.1372

■ 50.5491, 32.2762,
28.4692

■ 74.7261, 68.4499,
74.0786

■ 47.1960, 27.6148,
21.0473

■ 83.7919, 82.4534,
89.8262

■ 44.7606, 24.4260,
15.0505

■ 94.1807, 98.6402,
107.4426

■ 43.1410, 22.5269,
10.3793

95.0500, 100.0000,
108.9000

■ 42.2290, 21.6556,
7.1382

Harmonies

Analogous

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



58.6002, 46.6076, 71.1716



60.3425, 46.6076, 47.9352



57.4025, 46.6076, 30.9513

Triad

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



60.3425, 46.6076, 47.9352



36.7026, 46.6076, 23.5734



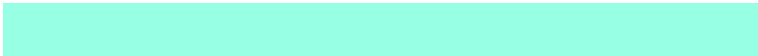
38.2530, 46.6076, 97.7814

Complementary

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



60.3425, 46.6076, 47.9352



62.5282, 83.7017, 86.2636

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.



33.3590, 46.6076, 77.5746



60.3425, 46.6076, 47.9352



32.5375, 46.6076, 34.6606

Square

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



60.3425, 46.6076, 47.9352



43.3059, 46.6076, 19.6369



31.3858, 46.6076, 53.6682



45.3075, 46.6076, 104.2691

Rectangle

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



60.3425, 46.6076, 47.9352



53.3583, 46.6076, 24.0894



31.3858, 46.6076, 53.6682



36.3281, 46.6076, 92.1332

Sweetspot

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



60.3437, 46.6098, 47.9361



82.6176, 80.6323, 87.8088



60.8810, 45.7300, 100.2257



17.4187, 16.8484, 18.3383



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.



60.3437, 46.6098, 47.9361



55.7940, 39.8644, 39.1623



62.2094, 54.2605, 36.4756



18.2029, 18.0645, 19.6855



22.1169, 11.3360, 3.9999



2.1958, 1.1207, 0.6125

Inverse Universe

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



60.3437, 46.6098, 47.9361



55.7940, 39.8644, 39.1623



59.3156, 70.8035, 105.1479



18.2029, 18.0645, 19.6855



22.1169, 11.3360, 3.9999



2.1958, 1.1207, 0.6125

Previews

White Background



This preview shows how the XYZ color 60.3425, 46.6076, 47.9352 looks on a white background.

Color Contrast Check

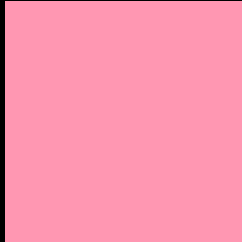
Large Text (above 18pt) WCAG AA × Fail

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 60.3425, 46.6076, 47.9352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

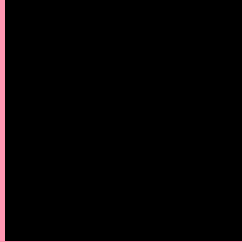
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3425, 46.6076, 47.9352

Background



This preview shows how black text looks on a background with the XYZ color 60.3425, 46.6076, 47.9352.



This preview shows how white text looks on a background with the XYZ color 60.3425, 46.6076,

47.9352.

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

60.3425, 46.6076, 47.9352

Protanopia

45.7791, 46.9784, 58.8795

Deuteranopia

47.7939, 46.8032, 46.5593



Tritanopia

59.0558, 46.5699, 41.4736

Trichromacy



Original Color

60.3425, 46.6076, 47.9352



Protanomaly

49.8545, 45.9789, 54.3913



Deuteranomaly

51.6808, 46.2622, 46.7631



Tritanomaly

59.3570, 46.4296, 43.8636

Monochromacy



Original Color

60.3425, 46.6076, 47.9352



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.9654, 46.9662, 50.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3425, 46.6076, 47.9352 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, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 178)  
}
```

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, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 178) }
```

Border

The CSS property to change the border of an element to XYZ 60.3425, 46.6076, 47.9352 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, 151, 178) }
```


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

```
.border{ border-color:rgb(255, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3425, 46.6076, 47.9352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 178) }
```

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

```
.background{ background-color: rgb(255,  
151, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor