

Converting Colors

XYZ(60.3660, 48.0214, 52.3180)

Have a look what the booklet for
XYZ(60.3660, 48.0214, 52.3180)
contains.

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Color

**XYZ(60.3442, 47.9831,
52.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9DBA
RGB	250, 157, 186
RGB Percent	98%, 62%, 73%
CMY	0.0196, 0.3843, 0.2706
CMYK	0.00, 0.37, 0.26, 0.02
HSL	341°, 90%, 80%
HSV	341°, 37%, 98%
XYZ	60.3442, 47.9831, 52.5356
YIQ	188.1130, 46.1190, 28.7350

Conversions

Conversions Part 2

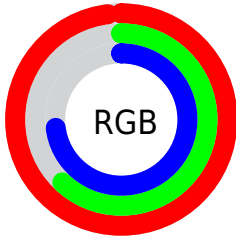
Format	Color
R _Y B	250, 157, 186
Decimal	16424378
CIE Lab	74.81, 38.30, -0.29
CIE LCh	75, 38.297, 359.567
Yxy	47.9831, 0.3751, 0.2983
Android (android.graphics.Color)	4294614458 (0xFFFA9DBA)
YUV	188.1130, -1.0417, 54.2749
Hunter-Lab	69.2698, 34.2775, 3.5222

Details

The XYZ color **60.3442, 47.9831, 52.5356** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.1435, 80.7609, 80.7763**, and the grayscale version is **47.8528, 50.3448, 54.8255**.

A 20% lighter version of the original color is **81.0613, 75.2593, 94.2585**, and **30.9222, 22.8006, 24.9615** is the 20% darker color. If you saturate the color by 10%, you get **54.8188, 39.6852, 42.2065**, and if you desaturate by 10%, it is **66.9578, 58.1042, 64.3151**.

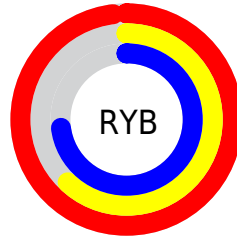
Distribution



Red (98%)

Green (62%)

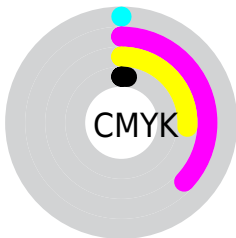
Blue (73%)



Red (98%)

Yellow (62%)

Blue (73%)

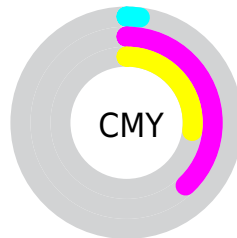


Cyan (0%)

Magenta (37%)

Yellow (26%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3442, 47.9831, 52.5356 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 60.3442, 47.9831, 52.5356 by changing the saturation by 10% instead.


 60.3442, 47.9831,
52.5356


 60.3442, 47.9831,
52.5356


415.6798,
378.7251, 413.5165

 43.9467, 33.8135,
37.0470


 104.4323, 87.1792,
95.3553

 30.8263, 22.7504,
24.9478

 132.8536,
112.9746, 123.5234

 20.6178, 14.4093,
15.8195


166.0135,
143.4139, 156.7551

 12.9558, 8.4059,
9.2435

204.2774,
178.8817, 195.4690

 7.4749, 4.3557,
4.8014

248.0106,
219.7624, 240.0835

 3.8098, 1.8745,
2.0745

297.5785,

 1.5951, 0.5330,

266.4402, 291.0172

0.6005

353.3464,
319.2997, 348.6887

■ 0.3892, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3442, 47.9831,
52.5356

■ 60.3442, 47.9831,
52.5356

■ 54.8188, 39.6852,
42.2065

■ 66.9578, 58.1042,
64.3151

■ 50.3168, 33.0944,
33.2662

■ 74.7117, 70.1420,
77.5973

■ 46.7722, 28.0916,
25.6525

■ 83.6593, 84.1915,
92.4353

■ 44.1094, 24.5395,
19.2970

■ 93.2058, 99.0526,
108.6642

■ 42.2401, 22.2770,
14.1238

■ 93.2344, 99.0640,
108.8150

■ 41.0529, 21.0971,
10.0455

■ 40.7977, 20.8733,
9.0766

Harmonies

Analogous

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



58.1491, 47.9831, 74.1689



60.3442, 47.9831, 52.5356



58.2681, 47.9831, 35.5200

Triad

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



60.3442, 47.9831, 52.5356



39.3151, 47.9831, 25.4921



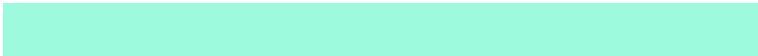
39.1566, 47.9831, 92.7605

Complementary

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



60.3442, 47.9831, 52.5356



61.1435, 80.7609, 80.7763

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.



34.9264, 47.9831, 73.5370



60.3442, 47.9831, 52.5356



35.0111, 47.9831, 35.1336

Square

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



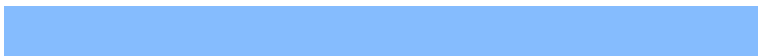
60.3442, 47.9831, 52.5356



45.7077, 47.9831, 22.5221



33.4879, 47.9831, 51.9563



45.5054, 47.9831, 100.7209

Rectangle

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



60.3442, 47.9831, 52.5356



54.8505, 47.9831, 28.1608



33.4879, 47.9831, 51.9563



37.4642, 47.9831, 87.1952

Sweetspot

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



60.3455, 47.9854, 52.5366



83.7916, 82.2093, 90.5770



58.9961, 46.3202, 96.2739



17.6611, 17.1662, 18.9339



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.



60.3455, 47.9854, 52.5366



58.4939, 43.2250, 46.3491



60.6575, 53.0521, 38.9443



17.4675, 17.3144, 19.0516



21.6971, 11.0945, 5.1132



2.0550, 1.0458, 0.7133

Inverse Universe

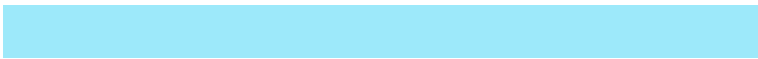
The Inverse Universe completely reimagines the original color for something new.



60.3455, 47.9854, 52.5366



58.4939, 43.2250, 46.3491



60.2864, 72.3212, 101.2246



17.4675, 17.3144, 19.0516



21.6971, 11.0945, 5.1132



2.0550, 1.0458, 0.7133

Previews

White Background



This preview shows how the XYZ color 60.3442, 47.9831, 52.5356 looks on a white background.

Color Contrast Check

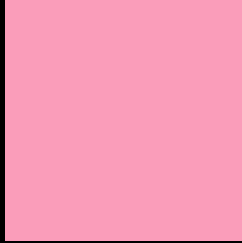
Large Text (above 18pt) WCAG AA × Fail

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 60.3442, 47.9831, 52.5356 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 60.3442, 47.9831, 52.5356

Background



This preview shows how black text looks on a background with the XYZ color 60.3442, 47.9831, 52.5356.



This preview shows how white text looks on a background with the XYZ color 60.3442, 47.9831,

52.5356.

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

60.3442, 47.9831, 52.5356

Protanopia

47.1226, 48.1985, 62.6967

Deuteranopia

49.1922, 48.3141, 50.9888



Tritanopia

59.0841, 48.2599, 45.2307

Trichromacy



Original Color

60.3442, 47.9831, 52.5356



Protanomaly

50.8320, 47.5230, 58.7183



Deuteranomaly

52.6254, 47.7604, 51.2448



Tritanomaly

59.4009, 48.1103, 47.7504

Monochromacy



Original Color

60.3442, 47.9831, 52.5356



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.5557, 48.8810, 53.7314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3442, 47.9831, 52.5356 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(250, 157, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 157, 186)  
}
```

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(250, 157, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 157, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.3442, 47.9831, 52.5356 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(250, 157, 186) }
```


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

```
.border{ border-color:rgb(250, 157, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 157, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 157, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 157, 186);  
box-shadow:4px 4px 4px 4px rgb(250, 157,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3442, 47.9831, 52.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 157, 186) }
```

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

```
.background{ background-color: rgb(250,  
157, 186) }
```

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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