

Converting Colors

XYZ(66.2361, 50.5360, 45.5179)

Have a look what the booklet for
XYZ(66.2361, 50.5360, 45.5179)
contains.

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Color

**XYZ(60.2420, 47.3498,
44.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AAC
RGB	255, 154, 172
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.3961, 0.3255
CMYK	0.00, 0.40, 0.33, 0.00
HSL	349°, 100%, 80%
HSV	349°, 40%, 100%
XYZ	60.2420, 47.3498, 44.9940
YIQ	186.2510, 54.4180, 27.0100

Conversions

Conversions Part 2

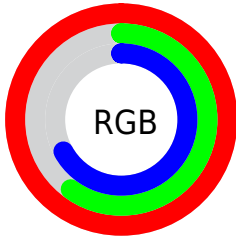
Format	Color
R _Y B	255, 154, 172
Decimal	16751276
CIE Lab	74.41, 39.78, 6.92
CIE LCh	74, 40.379, 9.862
Yxy	47.3498, 0.3948, 0.3103
Android (android.graphics.Color)	4294941356 (0xFFFF9AAC)
YUV	186.2510, -7.0257, 60.2929
Hunter-Lab	68.8112, 35.8515, 9.3995

Details

The XYZ color **60.2420, 47.3498, 44.9940** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3747, 84.5055, 93.0436**, and the grayscale version is **46.8308, 49.2697, 53.6547**.

A 20% lighter version of the original color is **78.1517, 72.8992, 82.6250**, and **30.8088, 22.3992, 20.4690** is the 20% darker color. If you saturate the color by 10%, you get **54.6150, 39.0667, 33.9591**, and if you desaturate by 10%, it is **67.0828, 57.5522, 58.0003**.

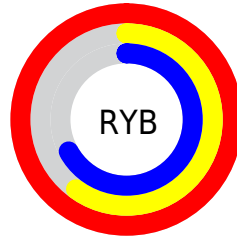
Distribution



Red (100%)

Green (60%)

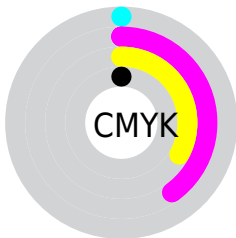
Blue (67%)



Red (100%)

Yellow (60%)

Blue (67%)

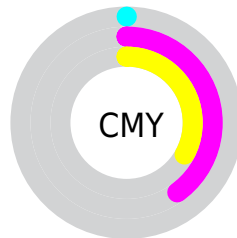


Cyan (0%)

Magenta (40%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2420, 47.3498, 44.9940 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 60.2420, 47.3498, 44.9940 by changing the saturation by 10% instead.


 60.2420, 47.3498,
44.9940


 60.2420, 47.3498,
44.9940


415.3097,
376.2091, 382.9087

 43.8639, 33.3123,
31.1098


 104.2850, 86.2355,
84.0298

 30.7610, 22.3658,
20.4233


 132.6806,
111.8525, 110.0184

 20.5679, 14.1259,
12.5160


165.8128,
142.0981, 140.8789

 12.9191, 8.2083,
6.9693

204.0469,
177.3567, 177.0298

 7.4495, 4.2285,
3.3648

247.7483,
218.0127, 218.8898

 3.7936, 1.8022,
1.2838

297.2823,

 1.5860, 0.4885,

264.4505, 266.8772

0.0484

353.0143,
317.0545, 321.4106

■ 0.3833, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2420, 47.3498,
44.9940

■ 60.2420, 47.3498,
44.9940

■ 54.6150, 39.0667,
33.9591

■ 67.0828, 57.5522,
58.0003

■ 50.1261, 32.5759,
24.7958

■ 75.1996, 69.7766,
73.0657

■ 46.6969, 27.7459,
17.3993

■ 84.6549, 84.1269,
90.2758

■ 44.2370, 24.4241,
11.6532

95.0500, 100.0000,
108.9000

■ 42.6404, 22.4293,
7.4264

■ 41.7492, 21.4812,
4.5577

■ 41.7220, 21.4528,
4.4684

Harmonies

Analogous

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



59.4577, 47.3498, 66.6163



60.2420, 47.3498, 44.9940



56.6193, 47.3498, 29.9046

Triad

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



60.2420, 47.3498, 44.9940



36.6206, 47.3498, 26.5122



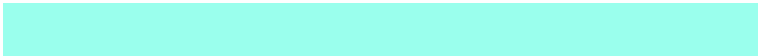
40.3580, 47.3498, 99.0603

Complementary

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



60.2420, 47.3498, 44.9940



64.3747, 84.5055, 93.0436

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.



35.0979, 47.3498, 81.7338



60.2420, 47.3498, 44.9940



33.1068, 47.3498, 38.9558

Square

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



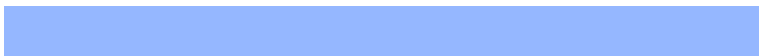
60.2420, 47.3498, 44.9940



42.6509, 47.3498, 21.3002



32.5811, 47.3498, 58.7266



47.4433, 47.3498, 101.9588

Rectangle

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



60.2420, 47.3498, 44.9940



52.4002, 47.3498, 24.0899



32.5811, 47.3498, 58.7266



38.3398, 47.3498, 94.5455

Sweetspot

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



60.2432, 47.3521, 44.9949



82.2654, 80.4914, 85.9546



64.3600, 48.2494, 100.5287



17.3364, 16.8154, 17.9047



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.



60.2432, 47.3521, 44.9949



55.4397, 40.2725, 35.6017



64.6297, 58.7061, 38.4999



18.1415, 18.0399, 19.3622



21.8386, 11.2247, 2.5346



2.1606, 1.1066, 0.4273

Inverse Universe

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



60.2432, 47.3521, 44.9949



55.4397, 40.2725, 35.6017



57.7705, 66.8761, 104.4713



18.1415, 18.0399, 19.3622



21.8386, 11.2247, 2.5346



2.1606, 1.1066, 0.4273

Previews

White Background



This preview shows how the XYZ color 60.2420, 47.3498, 44.9940 looks on a white background.

Color Contrast Check

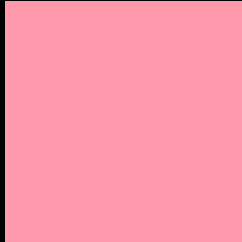
Large Text (above 18pt) WCAG AA × Fail

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 60.2420, 47.3498, 44.9940 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 60.2420, 47.3498, 44.9940

Background



This preview shows how black text looks on a background with the XYZ color 60.2420, 47.3498, 44.9940.



This preview shows how white text looks on a background with the XYZ color 60.2420, 47.3498,

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

60.2420, 47.3498, 44.9940

Protanopia

45.8126, 47.4010, 54.3117

Deuteranopia

48.5222, 47.5368, 43.6639



Tritanopia

59.4773, 47.2667, 42.0650

Trichromacy



Original Color

60.2420, 47.3498, 44.9940



Protanomaly

49.7744, 46.5841, 50.6242



Deuteranomaly

52.0899, 47.0878, 43.8795



Tritanomaly

59.6623, 47.3407, 43.0389

Monochromacy



Original Color

60.2420, 47.3498, 44.9940



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 60.2420, 47.3498, 44.9940 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 172) }
```

Border

The CSS property to change the border of an element to XYZ 60.2420, 47.3498, 44.9940 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, 172) }
```


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

```
.border{ border-color:rgb(255, 154, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2420, 47.3498, 44.9940 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
154, 172) }
```

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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