

Converting Colors

XYZ(59.9770, 47.6666, 42.2978)

Have a look what the booklet for XYZ(59.9770, 47.6666, 42.2978) contains.

- XYZ(60.0114, 47.7901, 42.1379) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(60.0114, 47.7901,
42.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CA6
RGB	255, 156, 166
RGB Percent	100%, 61%, 65%
CMY	0.0000, 0.3882, 0.3490
CMYK	0.00, 0.39, 0.35, 0.00
HSL	354°, 100%, 81%
HSV	354°, 39%, 100%
XYZ	60.0114, 47.7901, 42.1379
YIQ	186.7410, 55.7940, 24.0980

Conversions

Conversions Part 2

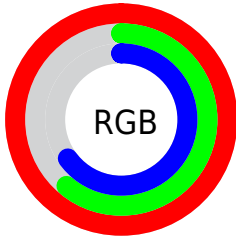
Format	Color
R _Y B	255, 156, 166
Decimal	16751782
CIE Lab	74.69, 38.03, 10.62
CIE LCh	75, 39.485, 15.601
Yxy	47.7901, 0.4002, 0.3187
Android (android.graphics.Color)	4294941862 (0xFFFF9CA6)
YUV	186.7410, -10.2253, 59.8631
Hunter-Lab	69.1304, 33.9759, 12.2515

Details

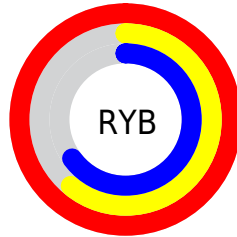
The XYZ color **60.0114, 47.7901, 42.1379** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9539, 85.1815, 99.3562**, and the grayscale version is **47.1231, 49.5772, 53.9896**.

A 20% lighter version of the original color is **77.8346, 73.5674, 78.5042**, and **30.6525, 22.6512, 18.6761** is the 20% darker color. If you saturate the color by 10%, you get **54.2539, 39.3459, 30.7517**, and if you desaturate by 10%, it is **67.0445, 58.1852, 55.7996**.

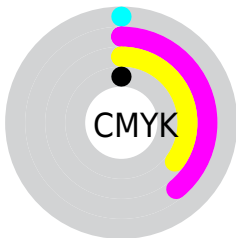
Distribution



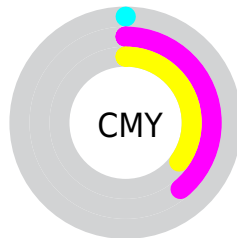
- Red (100%)
- Green (61%)
- Blue (65%)



- Red (100%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0114, 47.7901, 42.1379 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 60.0114, 47.7901, 42.1379 by changing the saturation by 10% instead.


 60.0114, 47.7901,
42.1379


 60.0114, 47.7901,
42.1379

414.4739,
377.9595, 370.8708

 43.6773, 33.6607,
28.8829

 103.9525, 86.8918,
79.6806

 30.6137, 22.6331,
18.7474


 132.2901,
112.6329, 104.8055

 20.4553, 14.3228,
11.3130


165.3597,
143.0133, 134.7240

 12.8366, 8.3455,
6.1609

203.5266,
178.4175, 169.8547

 7.3923, 4.3168,
2.8728

247.1561,
219.2298, 210.6162

 3.7572, 1.8523,
1.0301

296.6136,

 1.5657, 0.5195,

265.8347, 257.4270

0.0000

352.2644,
318.6164, 310.7057

■ 0.3699, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0114, 47.7901,
42.1379

■ 60.0114, 47.7901,
42.1379

■ 54.2539, 39.3459,
30.7517

■ 67.0445, 58.1852,
55.7996

■ 49.6916, 32.7243,
21.5145

■ 75.4195, 70.6350,
71.8485

■ 46.2408, 27.7926,
14.2916

■ 85.2028, 85.2443,
90.3921

■ 43.8056, 24.3974,
8.9319

95.0500, 100.0000,
108.9000

■ 42.2732, 22.3571,
5.2626

■ 41.4876, 21.4113,
3.0731

■ 41.4236, 21.3334,
2.8969

Harmonies

Analogous

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



60.1014, 47.7901, 62.4663



60.0114, 47.7901, 42.1379



55.7496, 47.7901, 28.6469

Triad

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



60.0114, 47.7901, 42.1379



36.2816, 47.7901, 29.0413



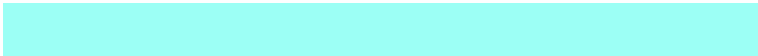
42.0855, 47.7901, 100.3154

Complementary

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



60.0114, 47.7901, 42.1379



65.9539, 85.1815, 99.3562

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.



36.4576, 47.7901, 85.5862



60.0114, 47.7901, 42.1379



33.3532, 47.7901, 42.8354

Square

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



60.0114, 47.7901, 42.1379



41.8211, 47.7901, 22.5540



33.4141, 47.7901, 63.3725



49.2261, 47.7901, 99.9844

Rectangle

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



60.0114, 47.7901, 42.1379



51.3494, 47.7901, 23.7594



33.4141, 47.7901, 63.3725



39.9712, 47.7901, 96.8216

Sweetspot

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



60.0127, 47.7924, 42.1388



81.9361, 80.3597, 84.2202



67.0575, 50.1342, 100.7503



17.2595, 16.7847, 17.4999



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.



60.0127, 47.7924, 42.1388



55.2110, 40.7443, 32.6613



66.5229, 62.2237, 39.9598



18.0839, 18.0169, 19.0588



21.6690, 11.1569, 1.6414



2.1334, 1.0957, 0.2839

Inverse Universe

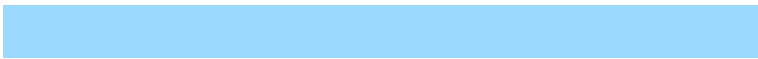
The Inverse Universe completely reimagines the original color for something new.



60.0127, 47.7924, 42.1388



55.2110, 40.7443, 32.6613



56.5880, 63.9414, 103.9672



18.0839, 18.0169, 19.0588



21.6690, 11.1569, 1.6414



2.1334, 1.0957, 0.2839

Previews

White Background



This preview shows how the XYZ color 60.0114, 47.7901, 42.1379 looks on a white background.

Color Contrast Check

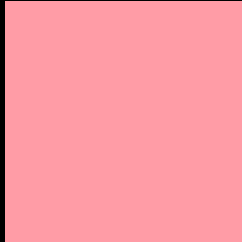
Large Text (above 18pt) WCAG AA × Fail

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 60.0114, 47.7901, 42.1379 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 60.0114, 47.7901, 42.1379

Background



This preview shows how black text looks on a background with the XYZ color 60.0114, 47.7901, 42.1379.



This preview shows how white text looks on a background with the XYZ color 60.0114, 47.7901,

42.1379.

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

60.0114, 47.7901, 42.1379

Protanopia

46.0130, 47.8945, 50.5355

Deuteranopia

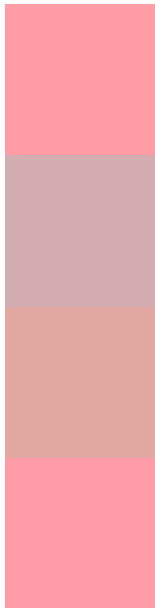
48.8221, 47.7546, 40.8268



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

60.0114, 47.7901, 42.1379

Protanomaly

49.9314, 47.0188, 47.5182

Deuteranomaly

52.1629, 47.1890, 41.0094

Tritanomaly

60.1035, 47.8270, 42.6229

Monochromacy



Original Color

60.0114, 47.7901, 42.1379

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.8134, 48.3024, 49.2930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0114, 47.7901, 42.1379 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, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 166)  
}
```

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, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 60.0114, 47.7901, 42.1379 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, 156, 166) }
```


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

```
.border{ border-color:rgb(255, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0114, 47.7901, 42.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 166) }
```

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

```
.background{ background-color: rgb(255,  
156, 166) }
```

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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