

Converting Colors

XYZ(60.0958, 47.3239, 40.0850)

Have a look what the booklet for
XYZ(60.0958, 47.3239, 40.0850)
contains.

XYZ(59.3172, 46.9798, 40.1241)	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(59.3172, 46.9798,
40.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AA2
RGB	255, 154, 162
RGB Percent	100%, 60%, 64%
CMY	0.0000, 0.3961, 0.3647
CMYK	0.00, 0.40, 0.36, 0.00
HSL	355°, 100%, 80%
HSV	355°, 40%, 100%
XYZ	59.3172, 46.9798, 40.1241
YIQ	185.1110, 57.6280, 23.9000

Conversions

Conversions Part 2

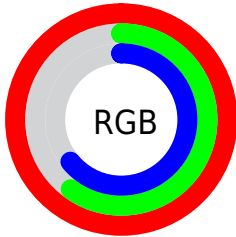
Format	Color
R _Y B	255, 154, 162
Decimal	16751266
CIE Lab	74.18, 38.59, 12.09
CIE LCh	74, 40.441, 17.394
Yxy	46.9798, 0.4051, 0.3209
Android (android.graphics.Color)	4294941346 (0xFFFF9AA2)
YUV	185.1110, -11.3937, 61.2927
Hunter-Lab	68.5418, 34.5286, 13.2711

Details

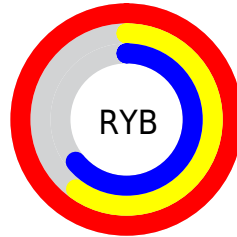
The XYZ color **59.3172, 46.9798, 40.1241** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.8771, 85.1064, 100.9553**, and the grayscale version is **46.2159, 48.6228, 52.9502**.

A 20% lighter version of the original color is **76.8110, 72.3629, 75.5647**, and **30.2879, 22.1908, 17.7258** is the 20% darker color. If you saturate the color by 10%, you get **53.6506, 38.6809, 28.8810**, and if you desaturate by 10%, it is **66.2699, 57.2269, 53.7196**.

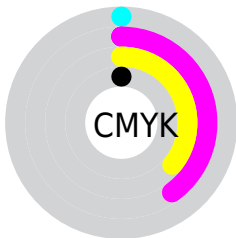
Distribution



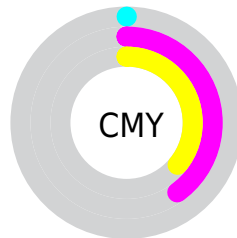
- Red (100%)
- Green (60%)
- Blue (64%)



- Red (100%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3172, 46.9798, 40.1241 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 59.3172, 46.9798, 40.1241 by changing the saturation by 10% instead.


 59.3172, 46.9798,
40.1241


 59.3172, 46.9798,
40.1241


411.9516,
374.7339, 362.2140

 43.1159, 33.0197,
27.3208

 102.9505, 85.6835,
76.5916

 30.1710, 22.1415,
17.5797


 131.1132,
111.1958, 101.0929

 20.1171, 13.9609,
10.4824


163.9938,
141.3277, 130.3306

 12.5890, 8.0935,
5.6102

201.9575,
176.4635, 164.7232

 7.2212, 4.1548,
2.5446

245.3698,
216.9876, 204.6893

 3.6483, 1.7605,
0.8637

294.5960,

 1.5052, 0.4624,

263.2845, 250.6475

0.0000

350.0015,
315.7384, 303.0162

■ 0.3294, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3172, 46.9798,
40.1241

■ 59.3172, 46.9798,
40.1241

■ 53.6506, 38.6809,
28.8810

■ 66.2699, 57.2269,
53.7196

■ 49.1876, 32.2005,
19.8540

■ 74.5771, 69.5275,
69.7878

■ 45.8419, 27.4039,
12.8973

■ 84.3069, 83.9876,
88.4440

■ 43.5140, 24.1349,
7.8460

95.0500, 100.0000,
108.9000

■ 42.0866, 22.2078,
4.5101

■ 41.3873, 21.3364,
2.6519

■ 41.3679, 21.3112,
2.6036

Harmonies

Analogous

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



59.6822, 46.9798, 60.3681



59.3172, 46.9798, 40.1241



54.7680, 46.9798, 27.0394

Triad

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



59.3172, 46.9798, 40.1241



35.1600, 46.9798, 28.6106



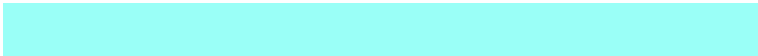
41.6797, 46.9798, 100.8313

Complementary

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



59.3172, 46.9798, 40.1241



65.8771, 85.1064, 100.9553

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.



35.8669, 46.9798, 86.5158



59.3172, 46.9798, 40.1241



32.3857, 46.9798, 42.9270

Square

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



59.3172, 46.9798, 40.1241



40.6146, 46.9798, 21.7348



32.6296, 46.9798, 64.0377



48.9504, 46.9798, 99.4803

Rectangle

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



59.3172, 46.9798, 40.1241



50.2274, 46.9798, 22.4439



32.6296, 46.9798, 64.0377



39.5069, 46.9798, 97.5589

Sweetspot

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



59.3184, 46.9821, 40.1250



81.8439, 80.3228, 83.7347



67.8179, 50.0320, 100.6905



17.2380, 16.7761, 17.3867



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.



59.3184, 46.9821, 40.1250



54.4771, 39.8874, 30.5329



66.8329, 63.1125, 39.2343



18.0677, 18.0104, 18.9738



21.6360, 11.1437, 1.4678



2.1258, 1.0927, 0.2438

Inverse Universe

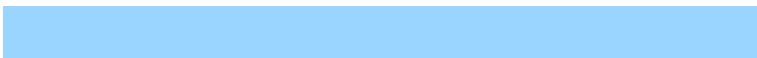
The Inverse Universe completely reimagines the original color for something new.



59.3184, 46.9821, 40.1250



54.4771, 39.8874, 30.5329



55.1517, 61.6387, 103.5984



18.0677, 18.0104, 18.9738



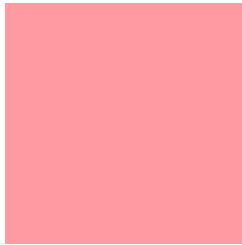
21.6360, 11.1437, 1.4678



2.1258, 1.0927, 0.2438

Previews

White Background



This preview shows how the XYZ color 59.3172, 46.9798, 40.1241 looks on a white background.

Color Contrast Check

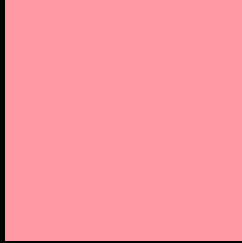
Large Text (above 18pt) WCAG AA × Fail

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 59.3172, 46.9798, 40.1241 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 59.3172, 46.9798, 40.1241

Background



This preview shows how black text looks on a background with the XYZ color 59.3172, 46.9798, 40.1241.



This preview shows how white text looks on a background with the XYZ color 59.3172, 46.9798,

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

59.3172, 46.9798, 40.1241

Protanopia

45.1573, 47.1950, 48.3245

Deuteranopia

47.9914, 47.0746, 38.9046



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

59.3172, 46.9798, 40.1241



Protanomaly

49.3503, 46.4807, 45.4003



Deuteranomaly

51.6247, 46.6772, 39.0896



Tritanomaly

59.4964, 47.0515, 41.0680

Monochromacy



Original Color

59.3172, 46.9798, 40.1241



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.6502, 47.1481, 48.0786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3172, 46.9798, 40.1241 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 59.3172, 46.9798, 40.1241 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, 162) }
```


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

```
.border{ border-color:rgb(255, 154, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3172, 46.9798, 40.1241 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
154, 162) }
```

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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