

Converting Colors

XYZ(87.6308, 62.6471, 41.5842)

Have a look what the booklet for
XYZ(87.6308, 62.6471, 41.5842)
contains.

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Color

**XYZ(59.9884, 48.3224,
40.3478)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA2
RGB	255, 158, 162
RGB Percent	100%, 62%, 64%
CMY	0.0000, 0.3804, 0.3647
CMYK	0.00, 0.38, 0.36, 0.00
HSL	358°, 100%, 81%
HSV	358°, 38%, 100%
XYZ	59.9884, 48.3224, 40.3478
YIQ	187.4590, 56.5280, 21.8080

Conversions

Conversions Part 2

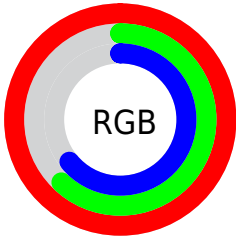
Format	Color
R_{YB}	255, 158, 162
Decimal	16752290
CIE Lab	75.03, 36.53, 13.29
CIE LCh	75, 38.872, 19.994
Yxy	48.3224, 0.4035, 0.3251
Android (android.graphics.Color)	4294942370 (0xFFFF9EA2)
YUV	187.4590, -12.5513, 59.2335
Hunter-Lab	69.5143, 32.3891, 14.2467

Details

The XYZ color **59.9884, 48.3224, 40.3478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2754, 85.7551, 104.2782**, and the grayscale version is **47.5410, 50.0168, 54.4683**.

A 20% lighter version of the original color is **77.8110, 74.3629, 75.8980**, and **30.6310, 22.9647, 17.5701** is the 20% darker color. If you saturate the color by 10%, you get **54.1151, 39.7224, 28.6897**, and if you desaturate by 10%, it is **67.1892, 58.9009, 54.5339**.

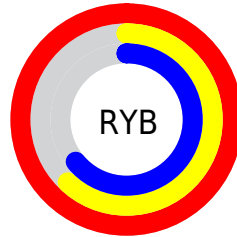
Distribution



Red (100%)

Green (62%)

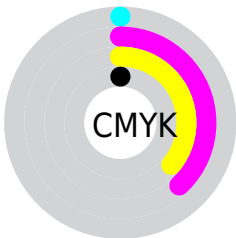
Blue (64%)



Red (100%)

Yellow (62%)

Blue (64%)

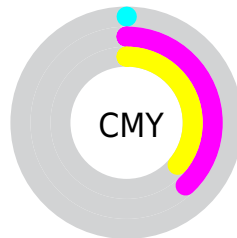


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9884, 48.3224, 40.3478 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 59.9884, 48.3224, 40.3478 by changing the saturation by 10% instead.


 59.9884, 48.3224,
40.3478


 59.9884, 48.3224,
40.3478


414.3904,
380.0686, 363.1829

 43.6587, 34.0823,
27.4940


 103.9193, 87.6842,
76.9357

 30.5990, 22.9568,
17.7089


 132.2512,
113.5747, 101.5069

 20.4441, 14.5616,
10.5739


165.3145,
144.1175, 130.8209

 12.8284, 8.5123,
5.6705

203.4747,
179.6968, 165.2963

 7.3867, 4.4245,
2.5803

247.0970,
220.6972, 205.3517

 3.7535, 1.9137,
0.8822

296.5468,

 1.5637, 0.5566,

267.5031, 251.4056

0.0000

352.1895,
320.4987, 303.8765

■ 0.3686, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9884, 48.3224,
40.3478

■ 59.9884, 48.3224,
40.3478

■ 54.1151, 39.7224,
28.6897

■ 67.1892, 58.9009,
54.5339

■ 49.4847, 32.9714,
19.4087

■ 75.7876, 71.5625,
71.3814

■ 46.0087, 27.9359,
12.3418

■ 85.8535, 86.4132,
91.0178

■ 43.5856, 24.4615,
7.3049

95.0499, 100.0000,
108.9000

■ 42.0959, 22.3659,
4.0837

■ 41.3827, 21.4040,
2.4136

■ 41.2975, 21.2830,
2.2331

Harmonies

Analogous

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



60.7263, 48.3224, 59.7044



59.9884, 48.3224, 40.3478



55.2755, 48.3224, 27.9912

Triad

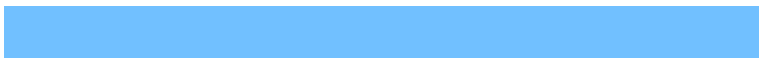
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.9884, 48.3224, 40.3478



36.2463, 48.3224, 31.2713



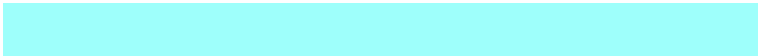
43.5977, 48.3224, 101.2691

Complementary

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



59.9884, 48.3224, 40.3478



67.2754, 85.7551, 104.2782

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.



37.7003, 48.3224, 88.6008



59.9884, 48.3224, 40.3478



33.7548, 48.3224, 46.1100

Square

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



59.9884, 48.3224, 40.3478



41.4179, 48.3224, 23.7639



34.2582, 48.3224, 67.1460



50.7563, 48.3224, 98.5678

Rectangle

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



59.9884, 48.3224, 40.3478



50.7593, 48.3224, 23.7656



34.2582, 48.3224, 67.1460



41.4152, 48.3224, 98.5633

Sweetspot

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



59.9897, 48.3248, 40.3487



82.7136, 81.7781, 84.9005



69.7562, 52.0279, 100.9734



17.4061, 17.0642, 17.5912



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.



59.9897, 48.3248, 40.3487



55.2079, 41.3199, 30.8662



68.4515, 65.8076, 41.4453



18.0397, 17.9992, 18.8262



21.5919, 11.1261, 1.2357



2.1125, 1.0874, 0.1739

Inverse Universe

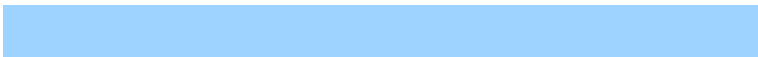
The Inverse Universe completely reimagines the original color for something new.



59.9897, 48.3248, 40.3487



55.2079, 41.3199, 30.8662



55.5340, 61.2540, 103.5038



18.0397, 17.9992, 18.8262



21.5919, 11.1261, 1.2357



2.1125, 1.0874, 0.1739

Previews

White Background



This preview shows how the XYZ color 59.9884, 48.3224, 40.3478 looks on a white background.

Color Contrast Check

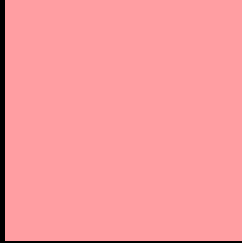
Large Text (above 18pt) WCAG AA × Fail

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 59.9884, 48.3224, 40.3478 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 59.9884, 48.3224, 40.3478

Background



This preview shows how black text looks on a background with the XYZ color 59.9884, 48.3224, 40.3478.



This preview shows how white text looks on a background with the XYZ color 59.9884, 48.3224,

40.3478.

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

59.9884, 48.3224, 40.3478

Protanopia

46.4628, 48.4919, 47.9853

Deuteranopia

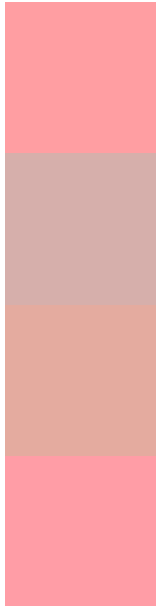
49.5325, 48.4555, 39.0900



Tritanopia

60.4584, 48.2385, 43.6606

Trichromacy



Original Color

59.9884, 48.3224, 40.3478

Protanomaly

50.4122, 47.8964, 45.1160

Deuteranomaly

52.8158, 48.1230, 39.3059

Tritanomaly

60.1799, 48.1271, 42.1940

Monochromacy



Original Color

59.9884, 48.3224, 40.3478

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.7126, 48.2621, 48.7621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9884, 48.3224, 40.3478 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, 158, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 162) }
```

Border

The CSS property to change the border of an element to XYZ 59.9884, 48.3224, 40.3478 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, 158, 162) }
```


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

```
.border{ border-color:rgb(255, 158, 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, 158, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9884, 48.3224, 40.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 162) }
```

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

```
.background{ background-color: rgb(255,  
158, 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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