

Converting Colors

XYZ(59.5461, 46.9785, 41.6162)

Have a look what the booklet for
XYZ(59.5461, 46.9785, 41.6162)
contains.

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Color

**XYZ(59.5871, 47.0878,
41.5456)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AA5
RGB	255, 154, 165
RGB Percent	100%, 60%, 65%
CMY	0.0000, 0.3961, 0.3529
CMYK	0.00, 0.40, 0.35, 0.00
HSL	353°, 100%, 80%
HSV	353°, 40%, 100%
XYZ	59.5871, 47.0878, 41.5456
YIQ	185.4530, 56.6650, 24.8330

Conversions

Conversions Part 2

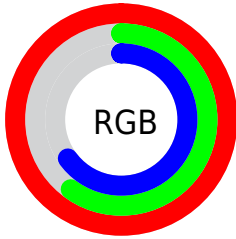
Format	Color
R_{YB}	255, 154, 165
Decimal	16751269
CIE _{Lab}	74.25, 38.94, 10.54
CIE _{LCh}	74, 40.341, 15.138
Yxy	47.0878, 0.4020, 0.3177
Android (android.graphics.Color)	4294941349 (0xFFFF9AA5)
YUV	185.4530, -10.0833, 60.9927
Hunter-Lab	68.6206, 34.9157, 12.1379

Details

The XYZ color **59.5871, 47.0878, 41.5456** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.4177, 84.9227, 98.5363**, and the grayscale version is **46.3999, 48.8163, 53.1610**.

A 20% lighter version of the original color is **77.2049, 72.5205, 77.6389**, and **30.3993, 22.2354, 18.3124** is the 20% darker color. If you saturate the color by 10%, you get **53.9288, 38.7922, 30.3457**, and if you desaturate by 10%, it is **66.5094, 57.3227, 54.9807**.

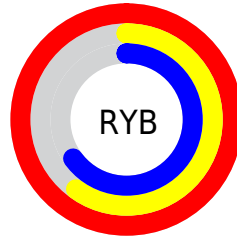
Distribution



Red (100%)

Green (60%)

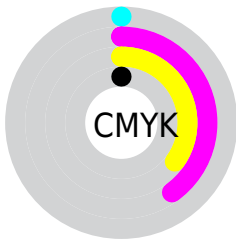
Blue (65%)



Red (100%)

Yellow (60%)

Blue (65%)

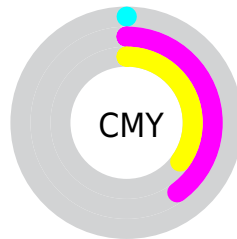


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5871, 47.0878, 41.5456 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 59.5871, 47.0878, 41.5456 by changing the saturation by 10% instead.


 59.5871, 47.0878,
41.5456


 59.5871, 47.0878,
41.5456


412.9333,
375.1649, 368.3397

 43.3341, 33.1051,
28.4227


 103.3402, 85.8447,
78.7741

 30.3430, 22.2069,
18.4028


 131.5711,
111.3876, 103.7168

 20.2484, 14.0090,
11.0671


164.5252,
141.5527, 133.4366

 12.6851, 8.1270,
5.9973

202.5681,
176.7244, 168.3519

 7.2876, 4.1763,
2.7746

246.0649,
217.2871, 208.8813

 3.6905, 1.7727,
0.9808

295.3812,

 1.5286, 0.4700,

263.6251, 255.4434

0.0000

350.8822,
316.1229, 308.4567

■ 0.3452, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5871, 47.0878,
41.5456

■ 59.5871, 47.0878,
41.5456

■ 53.9288, 38.7922,
30.3457

■ 66.5094, 57.3227,
54.9807

■ 49.4540, 32.3071,
21.2568

■ 74.7619, 69.6015,
70.7607

■ 46.0792, 27.4988,
14.1467

■ 84.4108, 84.0292,
88.9909

■ 43.7079, 24.2124,
8.8669

95.0500, 100.0000,
108.9000

■ 42.2267, 22.2638,
5.2479

■ 41.4685, 21.3689,
3.0793

■ 41.4467, 21.3427,
3.0187

Harmonies

Analogous

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



59.6082, 47.0878, 62.1940



59.5871, 47.0878, 41.5456



55.3138, 47.0878, 27.8808

Triad

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



59.5871, 47.0878, 41.5456



35.5936, 47.0878, 27.9716



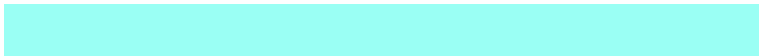
41.2783, 47.0878, 100.2805

Complementary

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



59.5871, 47.0878, 41.5456



65.4177, 84.9227, 98.5363

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.



35.6344, 47.0878, 85.0494



59.5871, 47.0878, 41.5456



32.6010, 47.0878, 41.7075

Square

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



59.5871, 47.0878, 41.5456



41.2168, 47.0878, 21.6065



32.6151, 47.0878, 62.4059



48.4913, 47.0878, 100.2025

Rectangle

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



59.5871, 47.0878, 41.5456



50.8687, 47.0878, 22.9322



32.6151, 47.0878, 62.4059



39.1529, 47.0878, 96.6320

Sweetspot

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



59.5884, 47.0901, 41.5465



81.9696, 80.3731, 84.3966



66.6440, 49.4269, 100.6355



17.2673, 16.7878, 17.5410



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.



59.5884, 47.0901, 41.5465



54.7553, 39.9987, 31.9980



66.0816, 61.6099, 38.9839



18.0897, 18.0192, 19.0897



21.6825, 11.1623, 1.7125



2.1362, 1.0968, 0.2984

Inverse Universe

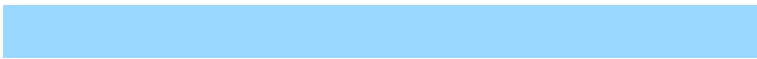
The Inverse Universe completely reimagines the original color for something new.



59.5884, 47.0901, 41.5465



54.7553, 39.9987, 31.9980



56.0069, 63.3491, 103.8834



18.0897, 18.0192, 19.0897



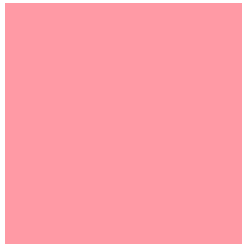
21.6825, 11.1623, 1.7125



2.1362, 1.0968, 0.2984

Previews

White Background



This preview shows how the XYZ color 59.5871, 47.0878, 41.5456 looks on a white background.

Color Contrast Check

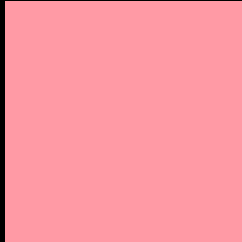
Large Text (above 18pt) WCAG AA × Fail

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 59.5871, 47.0878, 41.5456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

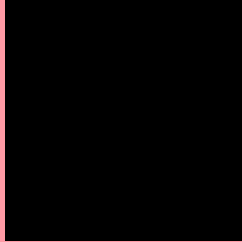
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5871, 47.0878, 41.5456

Background



This preview shows how black text looks on a background with the XYZ color 59.5871, 47.0878, 41.5456.



This preview shows how white text looks on a background with the XYZ color 59.5871, 47.0878,

41.5456.

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

59.5871, 47.0878, 41.5456

Protanopia

45.4597, 47.3160, 49.9169

Deuteranopia

48.2529, 47.1792, 40.2815



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

59.5871, 47.0878, 41.5456



Protanomaly

49.6418, 46.5972, 46.9352



Deuteranomaly

51.8882, 46.7826, 40.4776



Tritanomaly

59.5871, 47.0878, 41.5456

Monochromacy



Original Color

59.5871, 47.0878, 41.5456



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.7503, 47.1881, 48.6056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5871, 47.0878, 41.5456 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.5871, 47.0878, 41.5456 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, 165) }
```


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

```
.border{ border-color:rgb(255, 154, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5871, 47.0878, 41.5456 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
154, 165) }
```

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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