

Converting Colors

XYZ(59.6162, 47.9869, 47.9665)

Have a look what the booklet for
XYZ(59.6162, 47.9869, 47.9665)
contains.

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Color

**XYZ(59.5870, 47.9520,
47.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9EB1
RGB	250, 158, 177
RGB Percent	98%, 62%, 69%
CMY	0.0196, 0.3804, 0.3059
CMYK	0.00, 0.37, 0.29, 0.02
HSL	348°, 90%, 80%
HSV	348°, 37%, 98%
XYZ	59.5870, 47.9520, 47.7101
YIQ	187.6740, 48.7330, 25.4130

Conversions

Conversions Part 2

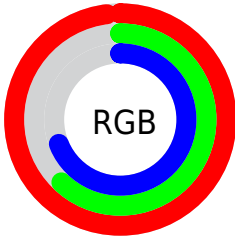
Format	Color
RYB	250, 158, 177
Decimal	16424625
CIELab	74.79, 36.58, 4.63
CIElCh	75, 36.868, 7.222
Yxy	47.9520, 0.3838, 0.3089
Android (android.graphics.Color)	4294614705 (0xFFFA9EB1)
YUV	187.6740, -5.2623, 54.6599
Hunter-Lab	69.2474, 32.4154, 7.6235

Details

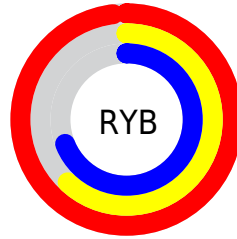
The XYZ color **59.5870, 47.9520, 47.7101** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7121, 81.4110, 88.0140**, and the grayscale version is **47.6258, 50.1060, 54.5654**.

A 20% lighter version of the original color is **79.9945, 75.2363, 87.3967**, and **30.2391, 22.6602, 22.1821** is the 20% darker color. If you saturate the color by 10%, you get **53.9126, 39.5407, 36.7620**, and if you desaturate by 10%, it is **66.4189, 58.2175, 60.4632**.

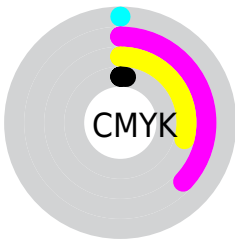
Distribution



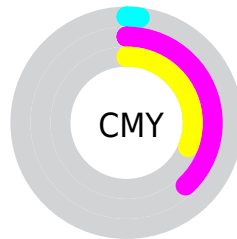
- Red (98%)
- Green (62%)
- Blue (69%)



- Red (98%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5870, 47.9520, 47.7101 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 59.5870, 47.9520, 47.7101 by changing the saturation by 10% instead.


 59.5870, 47.9520,
47.7101


 59.5870, 47.9520,
47.7101


412.9330,
378.6018, 394.1174

 43.3340, 33.7889,
33.2390

 103.3401, 87.1329,
88.1337

 30.3429, 22.7315,
22.0370

 131.5709,
112.9195, 114.9232

 20.2484, 14.3953,
13.6855


164.5250,
143.3494, 146.6560

 12.6850, 8.3961,
7.7660

202.5678,
178.8070, 183.7506

 7.2875, 4.3495,
3.8600

246.0647,
219.6766, 226.6255

 3.6905, 1.8709,
1.5488

295.3809,

 1.5286, 0.5308,

266.3427, 275.6992

0.2539

350.8819,
319.1896, 331.3903

■ 0.3451, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5870, 47.9520,
47.7101

■ 59.5870, 47.9520,
47.7101

■ 53.9126, 39.5407,
36.7620

■ 66.4189, 58.2175,
60.4632

■ 49.3264, 32.8660,
27.5333

■ 74.4643, 70.4319,
75.0958

■ 45.7578, 27.8074,
19.9358

■ 83.7805, 84.6917,
91.6814

■ 43.1259, 24.2260,
13.8717

■ 93.2344, 99.0640,
108.8150

■ 41.3368, 21.9595,
9.2321

■ 40.2744, 20.8031,
5.8921

■ 40.0357, 20.5686,
5.0641

Harmonies

Analogous

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



58.5146, 47.9520, 67.8358



59.5870, 47.9520, 47.7101



56.6226, 47.9520, 32.9250

Triad

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



59.5870, 47.9520, 47.7101



38.2209, 47.9520, 28.0010



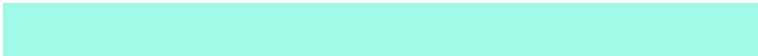
40.7696, 47.9520, 94.1445

Complementary

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



59.5870, 47.9520, 47.7101



62.7121, 81.4110, 88.0140

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.



36.0702, 47.9520, 77.8561



59.5870, 47.9520, 47.7101



34.7024, 47.9520, 39.1919

Square

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



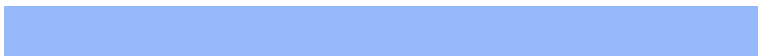
59.5870, 47.9520, 47.7101



43.9768, 47.9520, 23.4994



33.9554, 47.9520, 56.9876



47.2154, 47.9520, 98.0252

Rectangle

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



59.5870, 47.9520, 47.7101



52.9121, 47.9520, 26.9320



33.9554, 47.9520, 56.9876



38.9530, 47.9520, 89.7742

Sweetspot

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



59.5883, 47.9543, 47.7110



83.3665, 82.0393, 88.3388



62.1383, 48.1923, 96.4697



17.5604, 17.1259, 18.4035



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.



59.5883, 47.9543, 47.7110



57.9124, 43.5969, 41.4232



62.7518, 57.1035, 40.0653



17.3912, 17.2838, 18.6497



21.2775, 10.9267, 2.9038



2.0071, 1.0266, 0.4610

Inverse Universe

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



59.5883, 47.9543, 47.7110



57.9124, 43.5969, 41.4232



57.9954, 67.4484, 100.4049



17.3912, 17.2838, 18.6497



21.2775, 10.9267, 2.9038



2.0071, 1.0266, 0.4610

Previews

White Background



This preview shows how the XYZ color 59.5870, 47.9520, 47.7101 looks on a white background.

Color Contrast Check

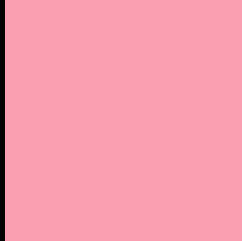
Large Text (above 18pt) WCAG AA × Fail

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 59.5870, 47.9520, 47.7101 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 59.5870, 47.9520, 47.7101

Background



This preview shows how black text looks on a background with the XYZ color 59.5870, 47.9520, 47.7101.



This preview shows how white text looks on a background with the XYZ color 59.5870, 47.9520,

47.7101.

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

59.5870, 47.9520, 47.7101

Protanopia

46.6976, 48.1118, 56.6945

Deuteranopia

48.9168, 47.9797, 46.2180



Tritanopia

58.8157, 47.8763, 44.6692

Trichromacy



Original Color

59.5870, 47.9520, 47.7101



Protanomaly

50.4002, 47.4153, 53.5094



Deuteranomaly

52.3271, 47.7114, 46.4957



Tritanomaly

59.0079, 47.9531, 45.6810

Monochromacy



Original Color

59.5870, 47.9520, 47.7101



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.2378, 48.7539, 52.0573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5870, 47.9520, 47.7101 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(250, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 177)  
}
```

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(250, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 177) }
```

Border

The CSS property to change the border of an element to XYZ 59.5870, 47.9520, 47.7101 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(250, 158, 177) }
```


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

```
.border{ border-color:rgb(250, 158, 177) }
```

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

Here you see how a box with a 4 pixel rgb(250, 158, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(250, 158,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5870, 47.9520, 47.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 177) }
```

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

```
.background{ background-color: rgb(250,  
158, 177) }
```

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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