

Converting Colors

XYZ(57.9229, 49.7008, 42.3906)

Have a look what the booklet for
XYZ(57.9229, 49.7008, 42.3906)
contains.

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Color

**XYZ(58.0099, 49.6237,
42.5973)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A7A6
RGB	244, 167, 166
RGB Percent	96%, 65%, 65%
CMY	0.0431, 0.3451, 0.3490
CMYK	0.00, 0.32, 0.32, 0.04
HSL	1°, 78%, 80%
HSV	1°, 32%, 96%
XYZ	58.0099, 49.6237, 42.5973
YIQ	189.9090, 46.2130, 16.0130

Conversions

Conversions Part 2

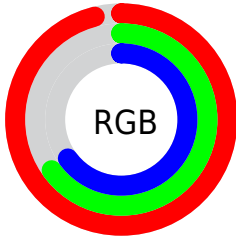
Format	Color
RYB	244, 167, 166
Decimal	16033702
CIELab	75.84, 28.27, 12.07
CIElCh	76, 30.737, 23.113
Yxy	49.6237, 0.3861, 0.3303
Android (android.graphics.Color)	4294223782 (0xFFFF4A7A6)
YUV	189.9090, -11.7871, 47.4378
Hunter-Lab	70.4441, 23.7155, 13.4584

Details

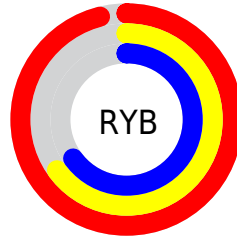
The XYZ color **58.0099, 49.6237, 42.5973** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1045, 78.7372, 97.4073**, and the grayscale version is **48.9394, 51.4881, 56.0705**.

A 20% lighter version of the original color is **80.6788, 79.2558, 79.4523**, and **29.3043, 23.6886, 18.9474** is the 20% darker color. If you saturate the color by 10%, you get **51.9714, 40.7953, 30.5696**, and if you desaturate by 10%, it is **65.2974, 60.2701, 57.1372**.

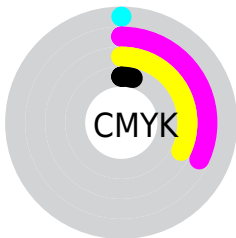
Distribution



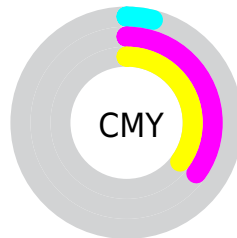
- Red (96%)
- Green (65%)
- Blue (65%)



- Red (96%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0099, 49.6237, 42.5973 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 58.0099, 49.6237, 42.5973 by changing the saturation by 10% instead.


 58.0099, 49.6237,
42.5973


 58.0099, 49.6237,
42.5973


407.1761,
385.1925, 372.8255

 42.0599, 35.1145,
29.2402


 101.0602, 89.6171,
80.3826

 29.3395, 23.7511,
19.0155

 128.8911,
115.8701, 105.6480

 19.4834, 15.1491,
11.5045


161.4131,
146.8064, 135.7198

 12.1261, 8.9241,
6.2889

198.9915,
182.8105, 171.0167

 6.9025, 4.6917,
2.9499

241.9917,
224.2668, 211.9572

 3.4470, 2.0675,
1.0691

290.7789,

 1.3943, 0.6463,

271.5596, 258.9598

0.0000

345.7186,
325.0734, 312.4430

■ 0.2522, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0099, 49.6237,
42.5973

■ 58.0099, 49.6237,
42.5973

■ 51.9714, 40.7953,
30.5696

■ 65.2974, 60.2701,
57.1372

■ 47.1082, 33.6766,
20.9091

■ 73.8942, 72.8206,
74.3174

■ 43.3450, 28.1592,
13.4606

■ 83.8617, 87.3643,
94.2604

■ 40.5959, 24.1192,
8.0491

■ 91.1183, 97.9731,
108.7160

■ 38.7627, 21.4144,
4.4734

■ 37.7275, 19.8751,
2.4912

■ 37.3424, 19.3014,
1.7574

Harmonies

Analogous

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



58.9361, 49.6237, 57.8936



58.0099, 49.6237, 42.5973



54.0729, 49.6237, 32.5698

Triad

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



58.0099, 49.6237, 42.5973



38.9126, 49.6237, 37.2597



45.8605, 49.6237, 91.6781

Complementary

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



58.0099, 49.6237, 42.5973



64.1045, 78.7372, 97.4073

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.



40.8735, 49.6237, 83.3088



58.0099, 49.6237, 42.5973



37.0773, 49.6237, 50.3456

Square

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



58.0099, 49.6237, 42.5973



42.9831, 49.6237, 29.9508



37.7651, 49.6237, 67.3487



51.6115, 49.6237, 88.4469

Rectangle

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



58.0099, 49.6237, 42.5973



50.4300, 49.6237, 29.1690



37.7651, 49.6237, 67.3487



44.0456, 49.6237, 90.0802

Sweetspot

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



58.0112, 49.6261, 42.5983



83.7019, 83.4434, 86.1899



67.2739, 53.0377, 92.2797



17.6009, 17.4010, 17.8187



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.



58.0112, 49.6261, 42.5983



59.8783, 48.6484, 38.6270



66.0229, 65.6494, 45.2688



16.5163, 16.5167, 17.1151



20.3122, 10.5100, 0.9581



1.7912, 0.9356, 0.0862

Inverse Universe

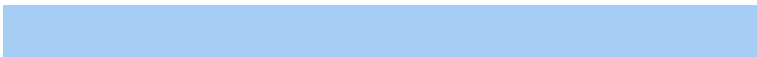
The Inverse Universe completely reimagines the original color for something new.



64.1045, 78.7372, 97.4073



67.5332, 85.2253, 107.4985



53.8868, 58.3018, 94.0014



16.9774, 18.7190, 21.2609



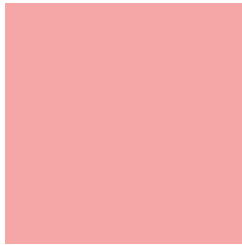
25.9678, 37.7295, 52.4519



2.2881, 3.3276, 4.6119

Previews

White Background



This preview shows how the XYZ color 58.0099, 49.6237, 42.5973 looks on a white background.

Color Contrast Check

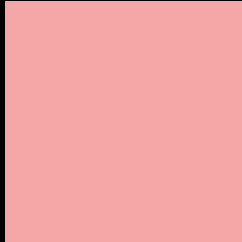
Large Text (above 18pt) WCAG AA × Fail

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 58.0099, 49.6237, 42.5973 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 58.0099, 49.6237, 42.5973

Background



This preview shows how black text looks on a background with the XYZ color 58.0099, 49.6237, 42.5973.



This preview shows how white text looks on a background with the XYZ color 58.0099, 49.6237,

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

58.0099, 49.6237, 42.5973

Protanopia

47.5991, 50.0127, 48.2190

Deuteranopia

50.7537, 49.6190, 42.0244



Tritanopia

59.1472, 49.5371, 48.5637

Trichromacy



Original Color

58.0099, 49.6237, 42.5973

Protanomaly

50.9190, 49.6181, 45.9233

Deuteranomaly

53.1728, 49.3841, 42.3269

Tritanomaly

58.9324, 49.7409, 46.5393

Monochromacy



Original Color

58.0099, 49.6237, 42.5973

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.6468, 50.4937, 50.7402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0099, 49.6237, 42.5973 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(244, 167, 166) looks like.

```
.text, #text, p{  
    color:rgb(244, 167, 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(244, 167, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 167, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.0099, 49.6237, 42.5973 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(244, 167, 166) }
```


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

```
.border{ border-color:rgb(244, 167, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 167, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 167, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 167, 166);  
box-shadow:4px 4px 4px 4px rgb(244, 167,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0099, 49.6237, 42.5973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 167, 166) }
```

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

```
.background{ background-color: rgb(244,  
167, 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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