

Converting Colors

XYZ(63.3778, 52.8819, 57.3211)

Have a look what the booklet for
XYZ(63.3778, 52.8819, 57.3211)
contains.

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Color

**XYZ(63.4247, 52.9237,
57.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAAC1
RGB	250, 170, 193
RGB Percent	98%, 67%, 76%
CMY	0.0196, 0.3333, 0.2431
CMYK	0.00, 0.32, 0.23, 0.02
HSL	343°, 89%, 82%
HSV	343°, 32%, 98%
XYZ	63.4247, 52.9237, 57.3245
YIQ	196.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

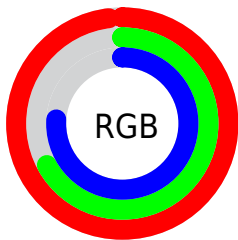
Format	Color
R _Y B	250, 170, 193
Decimal	16427713
CIE Lab	77.83, 32.49, 0.28
CIE LCh	78, 32.490, 0.497
Yxy	52.9237, 0.3652, 0.3047
Android (android.graphics.Color)	4294617793 (0xFFFAAC1)
YUV	196.5420, -1.7462, 46.8827
Hunter-Lab	72.7487, 28.3120, 4.2047

Details

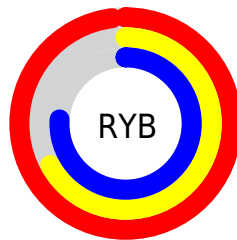
The XYZ color **63.4247, 52.9237, 57.3245** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.6306, 82.4646, 85.1880**, and the grayscale version is **52.7894, 55.5386, 60.4815**.

A 20% lighter version of the original color is **85.5352, 82.4923, 101.0369**, and **32.8331, 25.8225, 28.0647** is the 20% darker color. If you saturate the color by 10%, you get **57.3072, 43.6793, 46.0646**, and if you desaturate by 10%, it is **70.6757, 64.0510, 70.1444**.

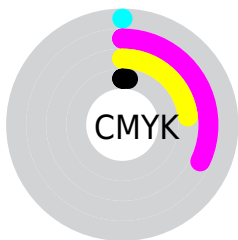
Distribution



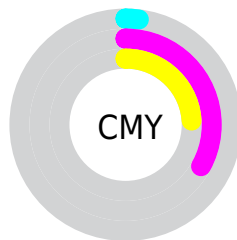
- Red (98%)
- Green (67%)
- Blue (76%)



- Red (98%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4247, 52.9237, 57.3245 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 63.4247, 52.9237, 57.3245 by changing the saturation by 10% instead.


 63.4247, 52.9237,
57.3245

 63.4247, 52.9237,
57.3245


426.7444,
397.9923, 432.1919

 46.4448, 37.7419,
40.8547

 108.8604, 94.4921,
102.4436

 32.8031, 25.7824,
27.8867


138.0469,
121.6474, 131.9299

 22.1341, 16.6609,
18.0020


172.0329,
153.5627, 166.5922

 14.0727, 9.9930,
10.7820

211.1839,
190.6224, 206.8490

 8.2533, 5.3943,
5.8081

255.8652,
233.2107, 253.1189

 4.3106, 2.4804,
2.6619


306.4422,

 1.8793, 0.8668,

281.7123, 305.8202


0.9241


363.2801,
336.5113, 365.3717


 0.5648, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 63.4247, 52.9237,
57.3245


 63.4247, 52.9237,
57.3245


 57.3072, 43.6793,
46.0646


 70.6757, 64.0510,
70.1444


 52.2595, 36.2056,
36.2999

 79.1104, 77.1502,
84.5789

 48.2185, 30.3901,
27.9657

 88.7814, 92.3138,
100.6839

 45.1122, 26.1040,
20.9910

 93.2345, 99.0641,
108.8150

■ 42.8584, 23.1994,
15.2979

■ 41.3593, 21.4984,
10.7991

■ 40.5898, 20.7902,
7.9813

Harmonies

Analogous

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



61.6081, 52.9237, 76.4700



63.4247, 52.9237, 57.3245



61.4879, 52.9237, 41.7402

Triad

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



63.4247, 52.9237, 57.3245



44.3976, 52.9237, 32.5873



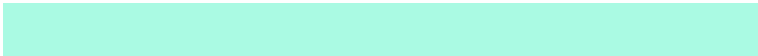
44.5653, 52.9237, 93.4312

Complementary

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



63.4247, 52.9237, 57.3245



64.6306, 82.4646, 85.1880

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.



40.5630, 52.9237, 77.1012



63.4247, 52.9237, 57.3245



40.4720, 52.9237, 42.1620

Square

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



63.4247, 52.9237, 57.3245



50.1974, 52.9237, 29.4127



39.1277, 52.9237, 57.9264



50.4075, 52.9237, 99.7816

Rectangle

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



63.4247, 52.9237, 57.3245



58.4148, 52.9237, 34.7729



39.1277, 52.9237, 57.9264



42.9781, 52.9237, 88.7793

Sweetspot

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



63.4262, 52.9262, 57.3256



84.6591, 83.6802, 91.6806



62.9960, 51.8231, 97.1255



17.8306, 17.4580, 19.1359



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.



63.4262, 52.9262, 57.3256



62.3420, 49.2911, 52.6574



64.2408, 58.3466, 45.9095



17.4498, 17.3073, 18.9582



21.5835, 11.0491, 4.5151



2.0427, 1.0408, 0.6482

Inverse Universe

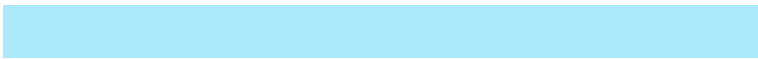
The Inverse Universe completely reimagines the original color for something new.



63.4262, 52.9262, 57.3256



62.3420, 49.2911, 52.6574



63.2576, 74.2955, 101.4493



17.4498, 17.3073, 18.9582



21.5835, 11.0491, 4.5151



2.0427, 1.0408, 0.6482

Previews

White Background



This preview shows how the XYZ color 63.4247, 52.9237, 57.3245 looks on a white background.

Color Contrast Check

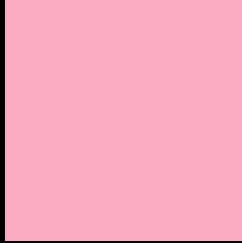
Large Text (above 18pt) WCAG AA × Fail

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 63.4247, 52.9237, 57.3245 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 63.4247, 52.9237, 57.3245

Background



This preview shows how black text looks on a background with the XYZ color 63.4247, 52.9237, 57.3245.



This preview shows how white text looks on a background with the XYZ color 63.4247, 52.9237,

57.3245.

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

63.4247, 52.9237, 57.3245

Protanopia

51.7284, 53.3620, 65.9660

Deuteranopia

54.2160, 53.2554, 56.1370



Tritanopia

62.2816, 52.7262, 52.2420

Trichromacy



Original Color

63.4247, 52.9237, 57.3245



Protanomaly

55.1237, 52.6442, 62.5143



Deuteranomaly

57.2919, 52.9781, 56.4964



Tritanomaly

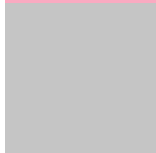
62.5995, 52.8534, 53.9161

Monochromacy



Original Color

63.4247, 52.9237, 57.3245



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.0530, 54.1251, 59.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4247, 52.9237, 57.3245 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, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(250, 170, 193)  
}
```

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, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 170, 193) }
```

Border

The CSS property to change the border of an element to XYZ 63.4247, 52.9237, 57.3245 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, 170, 193) }
```


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

```
.border{ border-color:rgb(250, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(250, 170,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4247, 52.9237, 57.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 170, 193) }
```

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

```
.background{ background-color: rgb(250,  
170, 193) }
```

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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