

Converting Colors

XYZ(62.2609, 50.9586, 64.4488)

Have a look what the booklet for
XYZ(62.2609, 50.9586, 64.4488)
contains.

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Color

**XYZ(62.3119, 51.0927,
64.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A6CD
RGB	245, 166, 205
RGB Percent	96%, 65%, 80%
CMY	0.0392, 0.3490, 0.1961
CMYK	0.00, 0.32, 0.16, 0.04
HSL	330°, 80%, 81%
HSV	330°, 32%, 96%
XYZ	62.3119, 51.0927, 64.3353
YIQ	194.0670, 34.5650, 28.8770

Conversions

Conversions Part 2

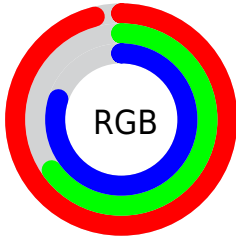
Format	Color
R _Y B	245, 166, 205
Decimal	16099021
CIE Lab	76.74, 34.64, -7.94
CIE LCh	77, 35.535, 347.092
Yxy	51.0927, 0.3506, 0.2875
Android (android.graphics.Color)	4294289101 (0xFFF5A6CD)
YUV	194.0670, 5.3900, 44.6682
Hunter-Lab	71.4792, 30.5187, -3.3290

Details

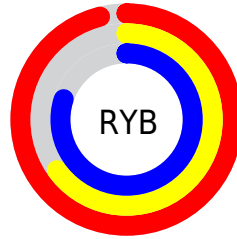
The XYZ color **62.3119, 51.0927, 64.3353** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.5211, 77.8695, 70.2894**, and the grayscale version is **51.2739, 53.9441, 58.7452**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **32.2301, 24.7360, 32.3540** is the 20% darker color. If you saturate the color by 10%, you get **56.8367, 42.4441, 55.4126**, and if you desaturate by 10%, it is **68.7572, 61.4901, 74.1684**.

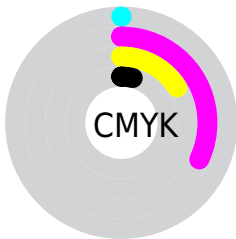
Distribution



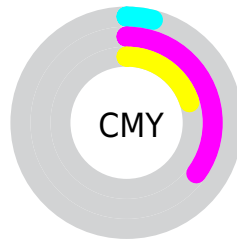
- Red (96%)
- Green (65%)
- Blue (80%)



- Red (96%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3119, 51.0927, 64.3353 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 62.3119, 51.0927, 64.3353 by changing the saturation by 10% instead.

 62.3119, 51.0927,
64.3353


 62.3119, 51.0927,
64.3353


422.7673,
390.9238, 458.6401

 45.5413, 36.2824,
46.4744

 107.2636, 91.7918,
112.6978

 32.0871, 24.6524,
32.2690


 136.1754,
118.4493, 144.0364

 21.5839, 15.8182,
21.3005

169.8650,
149.8248, 180.7048

 13.6664, 9.3956,
13.1505

208.6978,
186.3025, 223.1213

 7.9691, 5.0001,
7.4003

253.0390,
228.2668, 271.7045

 4.1268, 2.2473,
3.6315

303.2541,

 1.7741, 0.7456,

276.1023, 326.8731

1.4254

359.7084,
330.1931, 389.0454

■ 0.5020, 0.0000,
0.1614

■ 0.0000, 0.0000,
0.0000

■ 62.3119, 51.0927,
64.3353

■ 62.3119, 51.0927,
64.3353

■ 56.8367, 42.4441,
55.4126

■ 68.7572, 61.4901,
74.1684

■ 52.2760, 35.4396,
47.3665

■ 76.2151, 73.7193,
84.9374

■ 48.5753, 29.9739,
40.1655

■ 84.7313, 87.8664,
96.6708

■ 45.6721, 25.9268,
33.7741

■ 91.4061, 98.1285,
108.4142

■ 43.4947, 23.1597,
28.1533

■ 91.4665, 98.1526,
108.7323

■ 41.9569, 21.5055,
23.2584

■ 41.1042, 20.7917,
19.9174

Harmonies

Analogous

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



58.6795, 51.0927, 84.8984



62.3119, 51.0927, 64.3353



62.0234, 51.0927, 45.4261

Triad

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



62.3119, 51.0927, 64.3353



44.8541, 51.0927, 27.1755



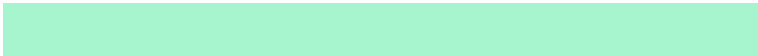
40.2673, 51.0927, 87.4621

Complementary

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



62.3119, 51.0927, 64.3353



59.5211, 77.8695, 70.2894

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.



37.2047, 51.0927, 67.2606



62.3119, 51.0927, 64.3353



39.6800, 51.0927, 34.0064

Square

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



62.3119, 51.0927, 64.3353



51.5131, 51.0927, 26.7431



37.0001, 51.0927, 47.7500



45.7260, 51.0927, 100.1843

Rectangle

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



62.3119, 51.0927, 64.3353



59.6430, 51.0927, 36.1255



37.0001, 51.0927, 47.7500



38.9463, 51.0927, 81.1340

Sweetspot

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



62.3134, 51.0951, 64.3363



85.4381, 83.9918, 95.7826



55.4348, 46.9181, 92.5213



18.0185, 17.5331, 20.1253



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.



62.3134, 51.0951, 64.3363



64.0294, 49.2767, 63.6683



58.1773, 49.4406, 42.5559



16.8402, 16.6189, 18.9049



22.2132, 11.2287, 11.0969



2.0041, 1.0076, 1.2481

Inverse Universe

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



62.3134, 51.0951, 64.3363



64.0294, 49.2767, 63.6683



64.8614, 80.0056, 98.4110



16.8402, 16.6189, 18.9049



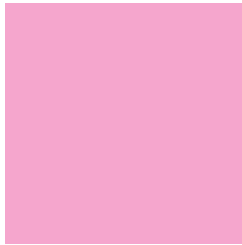
22.2132, 11.2287, 11.0969



2.0041, 1.0076, 1.2481

Previews

White Background



This preview shows how the XYZ color 62.3119, 51.0927, 64.3353 looks on a white background.

Color Contrast Check

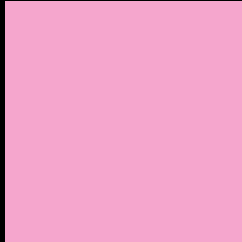
Large Text (above 18pt) WCAG AA × Fail

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 62.3119, 51.0927, 64.3353 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 62.3119, 51.0927, 64.3353

Background



This preview shows how black text looks on a background with the XYZ color 62.3119, 51.0927, 64.3353.



This preview shows how white text looks on a background with the XYZ color 62.3119, 51.0927,

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

62.3119, 51.0927, 64.3353

Protanopia

50.5366, 51.2713, 74.2506

Deuteranopia

52.4298, 51.2418, 63.0044



Tritanopia

59.5399, 51.0456, 51.5144

Trichromacy



Original Color

62.3119, 51.0927, 64.3353



Protanomaly

53.9125, 50.6194, 70.5474



Deuteranomaly

55.4151, 50.6615, 63.3579



Tritanomaly

60.5541, 51.1922, 55.9798

Monochromacy



Original Color

62.3119, 51.0927, 64.3353



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.7741, 52.5043, 60.6735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3119, 51.0927, 64.3353 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(245, 166, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 166, 205)  
}
```

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(245, 166, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 166, 205) }
```

Border

The CSS property to change the border of an element to XYZ 62.3119, 51.0927, 64.3353 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(245, 166, 205) }
```


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

```
.border{ border-color:rgb(245, 166, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 166, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 166, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 166, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 166,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3119, 51.0927, 64.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 166, 205) }
```

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

```
.background{ background-color: rgb(245,  
166, 205) }
```

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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