

Converting Colors

XYZ(73.6391, 55.5552, 63.6215)

Have a look what the booklet for
XYZ(73.6391, 55.5552, 63.6215)
contains.

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Color

**XYZ(64.7644, 51.0615,
62.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1CB
RGB	255, 161, 203
RGB Percent	100%, 63%, 80%
CMY	0.0000, 0.3686, 0.2039
CMYK	0.00, 0.37, 0.20, 0.00
HSL	333°, 100%, 82%
HSV	333°, 37%, 100%
XYZ	64.7644, 51.0615, 62.9423
YIQ	193.8940, 42.5420, 32.9900

Conversions

Conversions Part 2

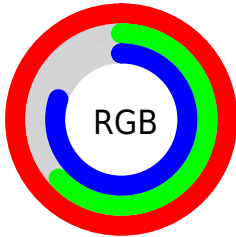
Format	Color
R _Y B	255, 161, 203
Decimal	16753099
CIE Lab	76.72, 40.34, -6.75
CIE LCh	77, 40.905, 350.501
Yxy	51.0615, 0.3623, 0.2856
Android (android.graphics.Color)	4294943179 (0xFFFFA1CB)
YUV	193.8940, 4.4893, 53.5900
Hunter-Lab	71.4573, 36.7308, -2.2047

Details

The XYZ color **64.7644, 51.0615, 62.9423** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.4701, 83.9021, 75.8564**, and the grayscale version is **51.1733, 53.8383, 58.6299**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **33.8133, 24.7654, 31.4318** is the 20% darker color. If you saturate the color by 10%, you get **59.1486, 42.3991, 53.1502**, and if you desaturate by 10%, it is **71.4442, 61.6069, 73.8451**.

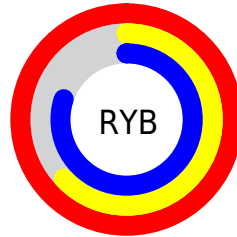
Distribution



Red (100%)

Green (63%)

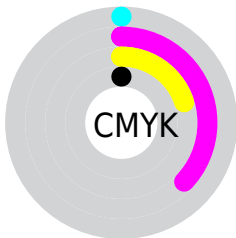
Blue (80%)



Red (100%)

Yellow (63%)

Blue (80%)

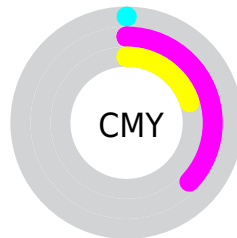


Cyan (0%)

Magenta (37%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7644, 51.0615, 62.9423 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 64.7644, 51.0615, 62.9423 by changing the saturation by 10% instead.


 64.7644, 51.0615,
62.9423


 64.7644, 51.0615,
62.9423


431.5034,
390.8027, 453.4622

 47.5341, 36.2576,
45.3538


 110.7787, 91.7457,
110.6710

 33.6678, 24.6332,
31.3912


 140.2933,
118.3947, 141.6484

 22.8002, 15.8040,
20.6360

174.6334,
149.7609, 177.9258

 14.5659, 9.3855,
12.6695

214.1643,
186.2286, 219.9217

 8.5996, 4.9935,
7.0733

259.2514,
228.1822, 268.0548

 4.5360, 2.2435,
3.4289

310.2601,

 2.0096, 0.7435,

276.0062, 322.7436

1.3176

367.5556,
330.0849, 384.4065

■ 0.6393, 0.0000,
0.0761

■ 0.0000, 0.0000,
0.0000

■ 64.7644, 51.0615,
62.9423

■ 64.7644, 51.0615,
62.9423

■ 59.1486, 42.3991,
53.1502

■ 71.4442, 61.6069,
73.8451

■ 54.5335, 35.5000,
44.4257

■ 79.2392, 74.1317,
85.8932

■ 50.8546, 30.2414,
36.7272

■ 88.2016, 88.7342,
99.1229

■ 48.0373, 26.4818,
30.0080

95.0500, 100.0000,
108.9000

■ 45.9948, 24.0548,
24.2161

■ 44.6183, 22.7504,
19.2911

■ 44.2733, 22.4733,
17.9029

Harmonies

Analogous

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



60.9639, 51.0615, 87.4026



64.7644, 51.0615, 62.9423



63.8722, 51.0615, 41.9493

Triad

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



64.7644, 51.0615, 62.9423



43.4980, 51.0615, 24.4367



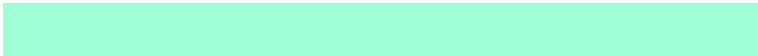
39.6572, 51.0615, 95.4614

Complementary

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



64.7644, 51.0615, 62.9423



62.4701, 83.9021, 75.8564

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.



35.8692, 51.0615, 71.9245



64.7644, 51.0615, 62.9423



37.9174, 51.0615, 32.6290

Square

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



64.7644, 51.0615, 62.9423



51.0335, 51.0615, 23.2327



35.2681, 51.0615, 48.8472



46.1144, 51.0615, 109.2095

Rectangle

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



64.7644, 51.0615, 62.9423



60.7691, 51.0615, 32.2297



35.2681, 51.0615, 48.8472



38.0597, 51.0615, 88.1780

Sweetspot

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



64.7656, 51.0637, 62.9433



84.3468, 82.4314, 93.5007



58.1504, 46.8136, 100.5788



17.7930, 17.2189, 19.6285



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.



64.7656, 51.0637, 62.9433



60.6502, 44.6920, 55.8404



61.2564, 50.9990, 40.3363



18.3467, 18.1220, 20.4426



23.2063, 11.7718, 9.7369



2.3136, 1.1678, 1.2326

Inverse Universe

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



64.7656, 51.0637, 62.9433



60.6502, 44.6920, 55.8404



67.0282, 83.3557, 107.1642



18.3467, 18.1220, 20.4426



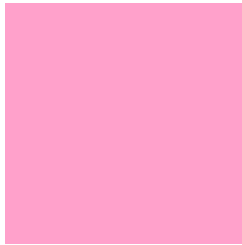
23.2063, 11.7718, 9.7369



2.3136, 1.1678, 1.2326

Previews

White Background



This preview shows how the XYZ color 64.7644, 51.0615, 62.9423 looks on a white background.

Color Contrast Check

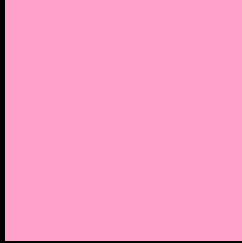
Large Text (above 18pt) WCAG AA × Fail

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 64.7644, 51.0615, 62.9423 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 64.7644, 51.0615, 62.9423

Background



This preview shows how black text looks on a background with the XYZ color 64.7644, 51.0615, 62.9423.



This preview shows how white text looks on a background with the XYZ color 64.7644, 51.0615,

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

64.7644, 51.0615, 62.9423

Protanopia

50.6687, 51.3241, 74.9462

Deuteranopia

52.3511, 51.2419, 61.1643



Tritanopia

61.6359, 50.8201, 48.6802

Trichromacy



Original Color

64.7644, 51.0615, 62.9423



Protanomaly

54.6363, 50.3975, 70.4664



Deuteranomaly

56.3821, 50.9088, 61.4983



Tritanomaly

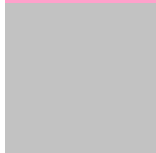
62.7531, 51.0214, 53.5544

Monochromacy



Original Color

64.7644, 51.0615, 62.9423



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.1249, 52.0860, 59.9715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7644, 51.0615, 62.9423 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, 161, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 203)  
}
```

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, 161, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 203) }
```

Border

The CSS property to change the border of an element to XYZ 64.7644, 51.0615, 62.9423 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, 161, 203) }
```


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

```
.border{ border-color:rgb(255, 161, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 161, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7644, 51.0615, 62.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 203) }
```

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

```
.background{ background-color: rgb(255,  
161, 203) }
```

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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