

Converting Colors

XYZ(72.8978, 54.8447, 62.8447)

Have a look what the booklet for
XYZ(72.8978, 54.8447, 62.8447)
contains.

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Color

**XYZ(64.2988, 50.3205,
62.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FCA
RGB	255, 159, 202
RGB Percent	100%, 62%, 79%
CMY	0.0000, 0.3764, 0.2078
CMYK	0.00, 0.38, 0.21, 0.00
HSL	333°, 100%, 81%
HSV	333°, 38%, 100%
XYZ	64.2988, 50.3205, 62.2010
YIQ	192.6060, 43.4130, 33.7250

Conversions

Conversions Part 2

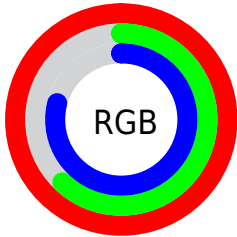
Format	Color
R _Y B	255, 159, 202
Decimal	16752586
CIE Lab	76.27, 41.23, -6.87
CIE LCh	76, 41.798, 350.539
Yxy	50.3205, 0.3636, 0.2846
Android (android.graphics.Color)	4294942666 (0xFFFF9FCA)
YUV	192.6060, 4.6312, 54.7195
Hunter-Lab	70.9369, 37.6567, -2.3325

Details

The XYZ color **64.2988, 50.3205, 62.2010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.9437, 83.6453, 75.1713**, and the grayscale version is **50.4144, 53.0399, 57.7604**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **33.5253, 24.3165, 30.9436** is the 20% darker color. If you saturate the color by 10%, you get **58.7657, 41.8015, 52.5042**, and if you desaturate by 10%, it is **70.8908, 60.7137, 73.0024**.

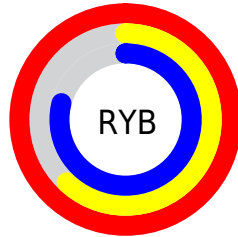
Distribution



Red (100%)

Green (62%)

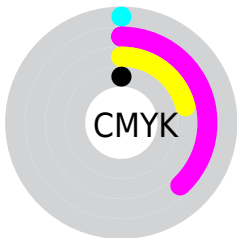
Blue (79%)



Red (100%)

Yellow (62%)

Blue (79%)

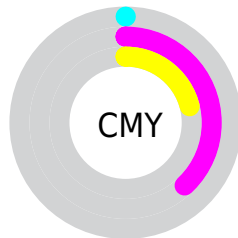


Cyan (0%)

Magenta (38%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2988, 50.3205, 62.2010 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 64.2988, 50.3205, 62.2010 by changing the saturation by 10% instead.


 64.2988, 50.3205,
62.2010


 64.2988, 50.3205,
62.2010

429.8530,
387.9180, 450.6918

 47.1553, 35.6681,
44.7583


 110.1125, 90.6496,
109.5904

 33.3669, 24.1780,
30.9255


 139.5134,
117.0950, 140.3742

 22.5683, 15.4657,
20.2842

173.7308,
148.2403, 176.4420

 14.3940, 9.1469,
12.4156

213.1301,
184.4699, 218.2125

 8.4787, 4.8371,
6.9014

258.0766,
226.1680, 266.1042

 4.4571, 2.1520,
3.3230

308.9357,

 1.9639, 0.6936,

273.7191, 320.5356

1.2618

366.0727,
327.5076, 381.9253

■ 0.6135, 0.0000,
0.0302

■ 0.0000, 0.0000,
0.0000

■ 64.2988, 50.3205,
62.2010

■ 64.2988, 50.3205,
62.2010

■ 58.7657, 41.8015,
52.5042

■ 70.8908, 60.7137,
73.0024

■ 54.2279, 35.0363,
43.8690

■ 78.5934, 73.0784,
84.9429

■ 50.6202, 29.9011,
36.2533

■ 87.4587, 87.5131,
98.0592

■ 47.8673, 26.2524,
29.6105

95.0500, 100.0000,
108.9000

■ 45.8813, 23.9218,
23.8882

■ 44.5472, 22.6872,
19.0241

■ 44.2894, 22.4797,
17.9877

Harmonies

Analogous

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



60.4413, 50.3205, 87.0786



64.2988, 50.3205, 62.2010



63.3854, 50.3205, 40.9919

Triad

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



64.2988, 50.3205, 62.2010



42.7300, 50.3205, 23.4818



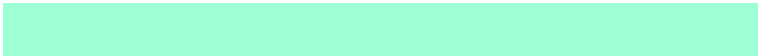
38.8696, 50.3205, 95.3564

Complementary

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



64.2988, 50.3205, 62.2010



61.9437, 83.6453, 75.1713

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.



35.0506, 50.3205, 71.3827



64.2988, 50.3205, 62.2010



37.1044, 50.3205, 31.6700

Square

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



64.2988, 50.3205, 62.2010



50.3501, 50.3205, 22.2764



34.4417, 50.3205, 47.9932



45.3918, 50.3205, 109.3874

Rectangle

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



64.2988, 50.3205, 62.2010



60.2285, 50.3205, 31.2403



34.4417, 50.3205, 47.9932



37.2586, 50.3205, 87.9286

Sweetspot

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



64.3000, 50.3227, 62.2020



84.3514, 82.4332, 93.5249



57.5438, 45.9862, 100.4511



17.7941, 17.2193, 19.6342



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.



64.3000, 50.3227, 62.2020



60.1298, 43.8794, 54.9638



60.7393, 50.2449, 39.3007



18.3475, 18.1223, 20.4472



23.2148, 11.7752, 9.7815



2.3144, 1.1681, 1.2371

Inverse Universe

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



64.3000, 50.3227, 62.2020



60.1298, 43.8794, 54.9638



66.5972, 83.0873, 107.1352



18.3475, 18.1223, 20.4472



23.2148, 11.7752, 9.7815



2.3144, 1.1681, 1.2371

Previews

White Background



This preview shows how the XYZ color 64.2988, 50.3205, 62.2010 looks on a white background.

Color Contrast Check

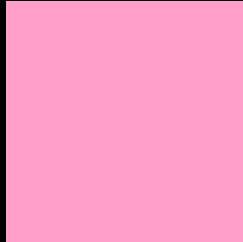
Large Text (above 18pt) WCAG AA × Fail

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 64.2988, 50.3205, 62.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

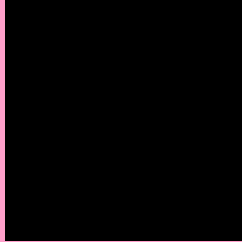
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2988, 50.3205, 62.2010

Background



This preview shows how black text looks on a background with the XYZ color 64.2988, 50.3205, 62.2010.



This preview shows how white text looks on a background with the XYZ color 64.2988, 50.3205,

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

64.2988, 50.3205, 62.2010

Protanopia

49.9800, 50.6530, 74.8529

Deuteranopia

51.7551, 50.6407, 60.4729



Tritanopia

61.2568, 50.3810, 47.5702

Trichromacy



Original Color

64.2988, 50.3205, 62.2010



Protanomaly

54.0269, 49.8037, 69.7163



Deuteranomaly

55.5691, 49.9252, 60.7406



Tritanomaly

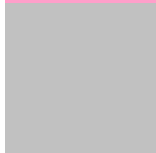
62.1853, 50.2261, 52.3160

Monochromacy



Original Color

64.2988, 50.3205, 62.2010



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.8066, 51.6322, 59.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2988, 50.3205, 62.2010 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, 159, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 202)  
}
```

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, 159, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 202) }
```

Border

The CSS property to change the border of an element to XYZ 64.2988, 50.3205, 62.2010 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, 159, 202) }
```


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

```
.border{ border-color:rgb(255, 159, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2988, 50.3205, 62.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 202) }
```

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

```
.background{ background-color: rgb(255,  
159, 202) }
```

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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