

Converting Colors

XYZ(74.2783, 56.3453, 52.5535)

Have a look what the booklet for
XYZ(74.2783, 56.3453, 52.5535)
contains.

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Color

**XYZ(62.8121, 50.5614,
51.7962)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2B8
RGB	255, 162, 184
RGB Percent	100%, 64%, 72%
CMY	0.0000, 0.3647, 0.2784
CMYK	0.00, 0.36, 0.28, 0.00
HSL	346°, 100%, 82%
HSV	346°, 36%, 100%
XYZ	62.8121, 50.5614, 51.7962
YIQ	192.3150, 48.3660, 26.5580

Conversions

Conversions Part 2

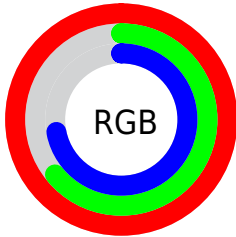
Format	Color
R _Y B	255, 162, 184
Decimal	16753336
CIE Lab	76.41, 37.19, 3.21
CIE LCh	76, 37.325, 4.927
Yxy	50.5614, 0.3803, 0.3061
Android (android.graphics.Color)	4294943416 (0xFFFFA2B8)
YUV	192.3150, -4.0993, 54.9747
Hunter-Lab	71.1065, 33.2419, 6.5859

Details

The XYZ color **62.8121, 50.5614, 51.7962** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3704, 85.0856, 90.0727**, and the grayscale version is **50.2916, 52.9107, 57.6198**.

A 20% lighter version of the original color is **82.0396, 77.6941, 93.1106**, and **32.3303, 24.3117, 24.4614** is the 20% darker color. If you saturate the color by 10%, you get **56.8647, 41.7110, 40.4285**, and if you desaturate by 10%, it is **69.9536, 61.3503, 64.9488**.

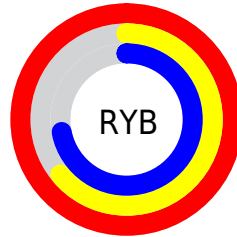
Distribution



Red (100%)

Green (64%)

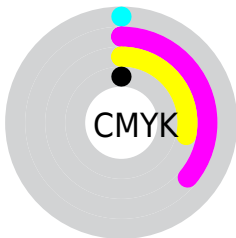
Blue (72%)



Red (100%)

Yellow (64%)

Blue (72%)

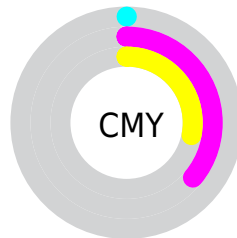


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8121, 50.5614, 51.7962 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 62.8121, 50.5614, 51.7962 by changing the saturation by 10% instead.


 62.8121, 50.5614,
51.7962


 62.8121, 50.5614,
51.7962


424.5577,
388.8573, 410.5839

 45.9473, 35.8597,
36.4615


 107.9817, 91.0061,
94.2541

 32.4087, 24.3258,
24.4983


 137.0172,
117.5179, 122.2145

 21.8309, 15.5755,
15.4881


170.8404,
148.7352, 155.2205

 13.8486, 9.2243,
9.0122

209.8165,
185.0423, 193.6906

 8.0964, 4.8878,
4.6522

254.3109,
226.8237, 238.0435

 4.2090, 2.1816,
1.9896

304.6890,

 1.8211, 0.7099,

274.4637, 288.6976

0.5488

361.3162,
328.3468, 346.0716

■ 0.5303, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8121, 50.5614,
51.7962

■ 62.8121, 50.5614,
51.7962

■ 56.8647, 41.7110,
40.4285

■ 69.9536, 61.3503,
64.9488

■ 52.0409, 34.6766,
30.7641

■ 78.3470, 74.1763,
79.9569

■ 48.2683, 29.3330,
22.7196

■ 88.0506, 89.1399,
96.8907

■ 45.4643, 25.5356,
16.2027

95.0500, 100.0000,
108.9000

■ 43.5329, 23.1158,
11.1109

■ 42.3565, 21.8630,
7.3274

■ 42.0639, 21.5896,
6.2685

Harmonies

Analogous

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



61.3613, 50.5614, 73.1298



62.8121, 50.5614, 51.7962



60.0058, 50.5614, 35.7398

Triad

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



62.8121, 50.5614, 51.7962



40.7301, 50.5614, 29.0343



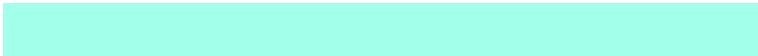
42.5566, 50.5614, 98.0583

Complementary

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



62.8121, 50.5614, 51.7962



65.3704, 85.0856, 90.0727

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.



37.8102, 50.5614, 80.3076



62.8121, 50.5614, 51.7962



36.8299, 50.5614, 40.2310

Square

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



62.8121, 50.5614, 51.7962



46.9061, 50.5614, 24.8027



35.8151, 50.5614, 58.4431



49.2267, 50.5614, 103.2958

Rectangle

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



62.8121, 50.5614, 51.7962



56.2453, 50.5614, 29.0711



35.8151, 50.5614, 58.4431



40.7049, 50.5614, 93.1759

Sweetspot

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



62.8134, 50.5638, 51.7972



83.4870, 82.0875, 88.9734



64.1697, 50.1773, 100.9108



17.5889, 17.1373, 18.5538



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.



62.8134, 50.5638, 51.7972



58.2256, 43.7222, 43.0727



65.1645, 58.6736, 42.0761



18.1854, 18.0575, 19.5936



22.0270, 11.3001, 3.5265



2.1849, 1.1163, 0.5552

Inverse Universe

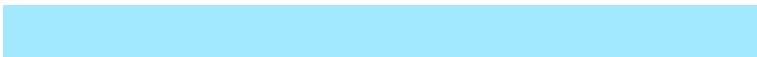
The Inverse Universe completely reimagines the original color for something new.



62.8134, 50.5638, 51.7972



58.2256, 43.7222, 43.0727



61.7384, 72.4756, 105.3430



18.1854, 18.0575, 19.5936



22.0270, 11.3001, 3.5265



2.1849, 1.1163, 0.5552

Previews

White Background



This preview shows how the XYZ color 62.8121, 50.5614, 51.7962 looks on a white background.

Color Contrast Check

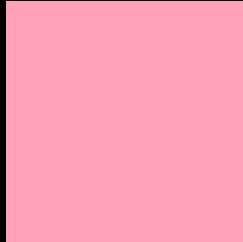
Large Text (above 18pt) WCAG AA × Fail

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 62.8121, 50.5614, 51.7962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

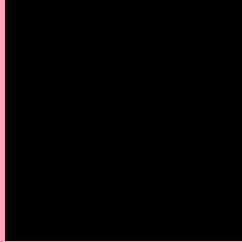
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8121, 50.5614, 51.7962

Background



This preview shows how black text looks on a background with the XYZ color 62.8121, 50.5614, 51.7962.



This preview shows how white text looks on a background with the XYZ color 62.8121, 50.5614,

51.7962.

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

62.8121, 50.5614, 51.7962

Protanopia

49.2783, 50.9088, 61.2620

Deuteranopia

51.7500, 50.8639, 50.2702



Tritanopia

61.8067, 50.3998, 47.5449

Trichromacy



Original Color

62.8121, 50.5614, 51.7962



Protanomaly

53.2983, 50.2814, 57.9351



Deuteranomaly

55.0345, 50.1649, 50.4982



Tritanomaly

62.1069, 50.5199, 49.1257

Monochromacy



Original Color

62.8121, 50.5614, 51.7962



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.7335, 51.1689, 55.1886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8121, 50.5614, 51.7962 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, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 184)  
}
```

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, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 62.8121, 50.5614, 51.7962 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, 162, 184) }
```


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

```
.border{ border-color:rgb(255, 162, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8121, 50.5614, 51.7962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 184) }
```

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

```
.background{ background-color: rgb(255,  
162, 184) }
```

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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