

Converting Colors

XYZ(62.5997, 50.0996, 51.8396)

Have a look what the booklet for
XYZ(62.5997, 50.0996, 51.8396)
contains.

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Color

**XYZ(62.6366, 50.2104,
51.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1B8
RGB	255, 161, 184
RGB Percent	100%, 63%, 72%
CMY	0.0000, 0.3686, 0.2784
CMYK	0.00, 0.37, 0.28, 0.00
HSL	345°, 100%, 82%
HSV	345°, 37%, 100%
XYZ	62.6366, 50.2104, 51.7377
YIQ	191.7280, 48.6410, 27.0810

Conversions

Conversions Part 2

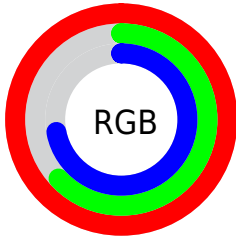
Format	Color
R _Y B	255, 161, 184
Decimal	16753080
CIE Lab	76.20, 37.70, 2.90
CIE LCh	76, 37.816, 4.391
Yxy	50.2104, 0.3806, 0.3051
Android (android.graphics.Color)	4294943160 (0xFFFFA1B8)
YUV	191.7280, -3.8099, 55.4895
Hunter-Lab	70.8593, 33.7826, 6.3111

Details

The XYZ color **62.6366, 50.2104, 51.7377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.0255, 84.9242, 89.3127**, and the grayscale version is **49.9472, 52.5483, 57.2251**.

A 20% lighter version of the original color is **81.7810, 77.1770, 93.0244**, and **32.2242, 24.0996, 24.4260** is the 20% darker color. If you saturate the color by 10%, you get **56.7426, 41.4368, 40.4805**, and if you desaturate by 10%, it is **69.7166, 60.9159, 64.7477**.

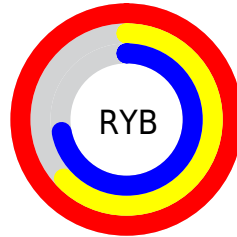
Distribution



Red (100%)

Green (63%)

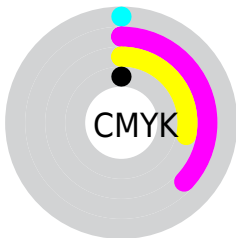
Blue (72%)



Red (100%)

Yellow (63%)

Blue (72%)

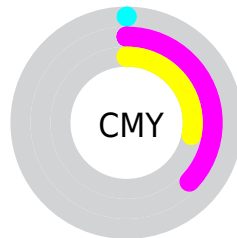


Cyan (0%)

Magenta (37%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6366, 50.2104, 51.7377 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 62.6366, 50.2104, 51.7377 by changing the saturation by 10% instead.


 62.6366, 50.2104,
51.7377


 62.6366, 50.2104,
51.7377


423.9301,
387.4882, 410.3512

 45.8048, 35.5806,
36.4152

 107.7298, 90.4865,
94.1669

 32.2958, 24.1105,
24.4628


 136.7220,
116.9017, 122.1108

 21.7442, 15.4156,
15.4619


170.4983,
148.0140, 155.0988

 13.7846, 9.1116,
8.9940

209.4242,
184.2080, 193.5497

 8.0517, 4.8140,
4.6405

253.8649,
225.8680, 237.8818

 4.1801, 2.1386,
1.9829

304.1859,

 1.8045, 0.6862,

273.3785, 288.5137

0.5447

360.7525,
327.1237, 345.8640

■ 0.5204, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6366, 50.2104,
51.7377

■ 62.6366, 50.2104,
51.7377

■ 56.7426, 41.4368,
40.4805

■ 69.7166, 60.9159,
64.7477

■ 51.9644, 34.4724,
30.8967

■ 78.0403, 73.6523,
79.5795

■ 48.2296, 29.1915,
22.9044

■ 87.6659, 88.5200,
96.3017

■ 45.4557, 25.4492,
16.4138

95.0500, 100.0000,
108.9000

■ 43.5468, 23.0755,
11.3248

■ 42.3835, 21.8564,
7.5230

■ 42.1201, 21.6120,
6.5644

Harmonies

Analogous

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



61.0930, 50.2104, 73.3285



62.6366, 50.2104, 51.7377



59.8716, 50.2104, 35.4612

Triad

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



62.6366, 50.2104, 51.7377



40.4346, 50.2104, 28.3806



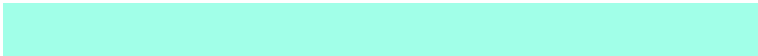
42.0738, 50.2104, 97.9419

Complementary

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



62.6366, 50.2104, 51.7377



65.0255, 84.9242, 89.3127

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.



37.3409, 50.2104, 79.8024



62.6366, 50.2104, 51.7377



36.4623, 50.2104, 39.4808

Square

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



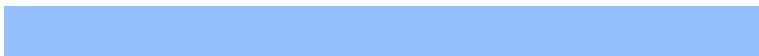
62.6366, 50.2104, 51.7377



46.6881, 50.2104, 24.2660



35.3879, 50.2104, 57.7123



48.7741, 50.2104, 103.5299

Rectangle

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



62.6366, 50.2104, 51.7377



56.1035, 50.2104, 28.6892



35.3879, 50.2104, 57.7123



40.2224, 50.2104, 92.9221

Sweetspot

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



62.6379, 50.2127, 51.7387



83.5197, 82.1005, 89.1455



63.9131, 49.7845, 100.8485



17.5967, 17.1404, 18.5946



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.



62.6379, 50.2127, 51.7387



58.3117, 43.7566, 43.5262



64.9191, 58.3245, 41.5574



18.1916, 18.0599, 19.6259



22.0576, 11.3123, 3.6878



2.1887, 1.1178, 0.5749

Inverse Universe

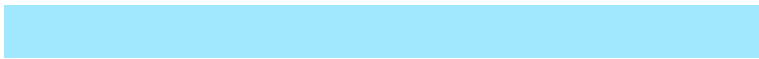
The Inverse Universe completely reimagines the original color for something new.



62.6379, 50.2127, 51.7387



58.3117, 43.7566, 43.5262



61.4658, 72.2308, 105.3101



18.1916, 18.0599, 19.6259



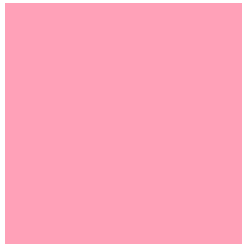
22.0576, 11.3123, 3.6878



2.1887, 1.1178, 0.5749

Previews

White Background



This preview shows how the XYZ color 62.6366, 50.2104, 51.7377 looks on a white background.

Color Contrast Check

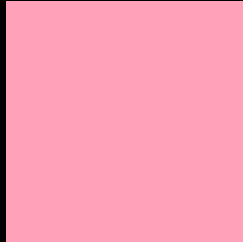
Large Text (above 18pt) WCAG AA × Fail

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 62.6366, 50.2104, 51.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

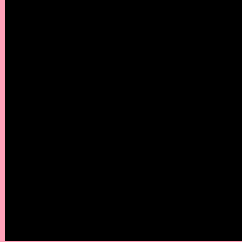
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6366, 50.2104, 51.7377

Background



This preview shows how black text looks on a background with the XYZ color 62.6366, 50.2104, 51.7377.



This preview shows how white text looks on a background with the XYZ color 62.6366, 50.2104,

51.7377.

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

62.6366, 50.2104, 51.7377

Protanopia

49.0654, 50.4830, 61.1910

Deuteranopia

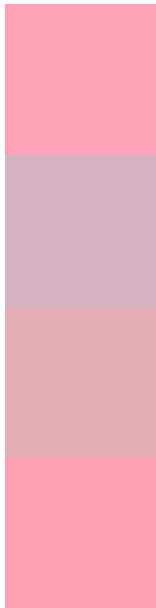
51.2607, 50.3065, 50.1884



Tritanopia

61.7081, 50.3604, 47.0256

Trichromacy



Original Color

62.6366, 50.2104, 51.7377

Protanomaly

53.0986, 49.8820, 57.8685

Deuteranomaly

54.8406, 49.7771, 50.4336

Tritanomaly

61.8293, 50.1258, 48.5360

Monochromacy



Original Color

62.6366, 50.2104, 51.7377

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 62.6366, 50.2104, 51.7377 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 184) }
```

Border

The CSS property to change the border of an element to XYZ 62.6366, 50.2104, 51.7377 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, 184) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6366, 50.2104, 51.7377 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, 184) }
```

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

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