

Converting Colors

XYZ(67.8662, 53.2728, 48.0710)

Have a look what the booklet for
XYZ(67.8662, 53.2728, 48.0710)
contains.

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Color

**XYZ(62.0961, 50.2750,
48.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2B1
RGB	255, 162, 177
RGB Percent	100%, 64%, 69%
CMY	0.0000, 0.3647, 0.3059
CMYK	0.00, 0.36, 0.31, 0.00
HSL	350°, 100%, 82%
HSV	350°, 36%, 100%
XYZ	62.0961, 50.2750, 48.0262
YIQ	191.5170, 50.6130, 24.3810

Conversions

Conversions Part 2

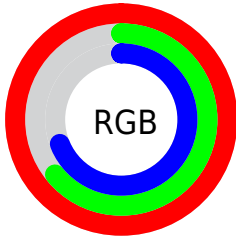
Format	Color
R _Y B	255, 162, 177
Decimal	16753329
CIE Lab	76.24, 36.28, 6.79
CIE LCh	76, 36.909, 10.598
Yxy	50.2750, 0.3871, 0.3134
Android (android.graphics.Color)	4294943409 (0xFFFFA2B1)
YUV	191.5170, -7.1569, 55.6746
Hunter-Lab	70.9049, 32.2408, 9.4743

Details

The XYZ color **62.0961, 50.2750, 48.0262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3907, 85.4937, 95.4453**, and the grayscale version is **49.8425, 52.4381, 57.1051**.

A 20% lighter version of the original color is **81.0194, 77.2860, 87.7383**, and **31.9353, 24.1537, 22.3810** is the 20% darker color. If you saturate the color by 10%, you get **56.0837, 41.3986, 36.3157**, and if you desaturate by 10%, it is **69.3561, 61.1113, 61.8021**.

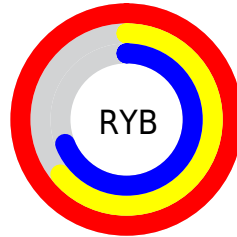
Distribution



Red (100%)

Green (64%)

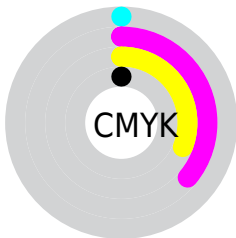
Blue (69%)



Red (100%)

Yellow (64%)

Blue (69%)

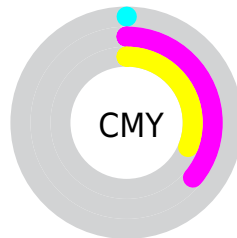


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0961, 50.2750, 48.0262 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 62.0961, 50.2750, 48.0262 by changing the saturation by 10% instead.


 62.0961, 50.2750,
48.0262


 62.0961, 50.2750,
48.0262


421.9935,
387.7404, 395.4077

 45.3662, 35.6320,
33.4875

 106.9536, 90.5822,
88.6094

 31.9485, 24.1501,
22.2260


 135.8119,
117.0151, 115.4909

 21.4775, 15.4450,
13.8231


169.4437,
148.1468, 147.3238

 13.5880, 9.1323,
7.8604

208.2145,
184.3617, 184.5266

 7.9144, 4.8276,
3.9193

252.4895,
226.0440, 227.5179

 4.0916, 2.1464,
1.5812

302.6341,

 1.7541, 0.6906,

273.5784, 276.7161

0.2773

359.0136,
327.3490, 332.5399

■ 0.4898, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0961, 50.2750,
48.0262

■ 62.0961, 50.2750,
48.0262

■ 56.0837, 41.3986,
36.3157

■ 69.3561, 61.1113,
61.8021

■ 51.2439, 34.3579,
26.5673

■ 77.9248, 74.0075,
77.7338

■ 47.5000, 29.0257,
18.6734

■ 87.8643, 89.0654,
95.9097

■ 44.7639, 25.2555,
12.5146

95.0500, 100.0000,
108.9000

■ 42.9340, 22.8762,
7.9569

■ 41.8852, 21.6745,
4.8455

■ 41.6423, 21.4209,
4.0484

Harmonies

Analogous

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



61.4686, 50.2750, 68.4035



62.0961, 50.2750, 48.0262



58.6188, 50.2750, 33.4958

Triad

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



62.0961, 50.2750, 48.0262



39.6372, 50.2750, 30.6015



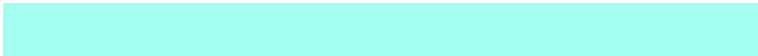
43.4989, 50.2750, 99.1340

Complementary

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



62.0961, 50.2750, 48.0262



66.3907, 85.4937, 95.4453

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.



38.3755, 50.2750, 83.4778



62.0961, 50.2750, 48.0262



36.2995, 50.2750, 43.0307

Square

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



62.0961, 50.2750, 48.0262



45.3789, 50.2750, 25.1738



35.8610, 50.2750, 62.0541



50.2745, 50.2750, 101.4010

Rectangle

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



62.0961, 50.2750, 48.0262



54.6207, 50.2750, 27.7976



35.8610, 50.2750, 62.0541



41.5446, 50.2750, 95.1117

Sweetspot

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



62.0975, 50.2774, 48.0272



83.1861, 81.9671, 87.3888



66.7376, 51.5011, 101.0310



17.5177, 17.1088, 18.1788



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.



62.0975, 50.2774, 48.0272



57.4559, 43.4143, 39.0195



66.8332, 62.0108, 42.6324



18.1288, 18.0348, 19.2954



21.7940, 11.2069, 2.2996



2.1544, 1.1042, 0.3947

Inverse Universe

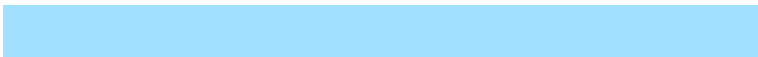
The Inverse Universe completely reimagines the original color for something new.



62.0975, 50.2774, 48.0272



57.4559, 43.4143, 39.0195



59.6079, 68.2146, 104.6328



18.1288, 18.0348, 19.2954



21.7940, 11.2069, 2.2996



2.1544, 1.1042, 0.3947

Previews

White Background



This preview shows how the XYZ color 62.0961, 50.2750, 48.0262 looks on a white background.

Color Contrast Check

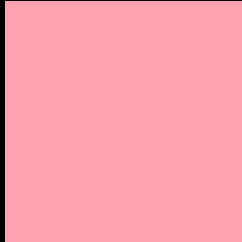
Large Text (above 18pt) WCAG AA × Fail

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 62.0961, 50.2750, 48.0262 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 62.0961, 50.2750, 48.0262

Background



This preview shows how black text looks on a background with the XYZ color 62.0961, 50.2750, 48.0262.

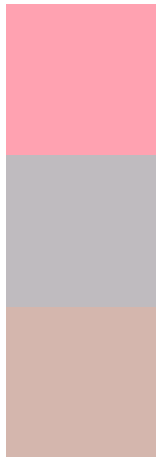


This preview shows how white text looks on a background with the XYZ color 62.0961, 50.2750,

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

62.0961, 50.2750, 48.0262

Protanopia

48.6602, 50.3786, 56.4496

Deuteranopia

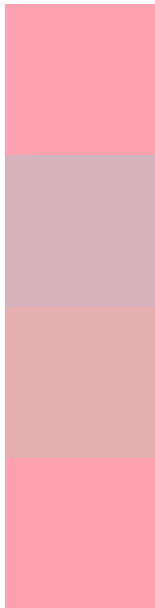
51.4222, 50.4701, 46.5666



Tritanopia

61.8982, 50.1958, 46.9838

Trichromacy



Original Color

62.0961, 50.2750, 48.0262

Protanomaly

52.5149, 49.6821, 53.2761

Deuteranomaly

54.9649, 50.2099, 46.8389

Tritanomaly

61.9968, 50.2353, 47.5031

Monochromacy



Original Color

62.0961, 50.2750, 48.0262

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.5178, 51.0827, 54.0530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0961, 50.2750, 48.0262 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 177) }
```

Border

The CSS property to change the border of an element to XYZ 62.0961, 50.2750, 48.0262 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, 177) }
```


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

```
.border{ border-color:rgb(255, 162, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0961, 50.2750, 48.0262 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
162, 177) }
```

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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