

Converting Colors

XYZ(62.6857, 50.8105, 50.2070)

Have a look what the booklet for
XYZ(62.6857, 50.8105, 50.2070)
contains.

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Color

**XYZ(62.6777, 50.7906,
50.2161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B5
RGB	255, 163, 181
RGB Percent	100%, 64%, 71%
CMY	0.0000, 0.3608, 0.2902
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.6777, 50.7906, 50.2161
YIQ	192.5600, 49.0540, 25.1020

Conversions

Conversions Part 2

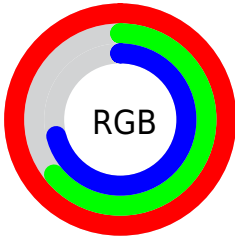
Format	Color
R_{YB}	255, 163, 181
Decimal	16753589
CIE _{Lab}	76.55, 36.28, 5.05
CIE _{LCh}	77, 36.625, 7.926
Yxy	50.7906, 0.3829, 0.3103
Android (android.graphics.Color)	4294943669 (0xFFFFA3B5)
YUV	192.5600, -5.6991, 54.7599
Hunter-Lab	71.2675, 32.2674, 8.1107

Details

The XYZ color **62.6777, 50.7906, 50.2161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1525, 85.4220, 93.1265**, and the grayscale version is **50.4438, 53.0708, 57.7941**.

A 20% lighter version of the original color is **81.8576, 78.0375, 90.8691**, and **32.2372, 24.4461, 23.4416** is the 20% darker color. If you saturate the color by 10%, you get **56.6459, 41.8509, 38.5749**, and if you desaturate by 10%, it is **69.9347, 61.6845, 63.7957**.

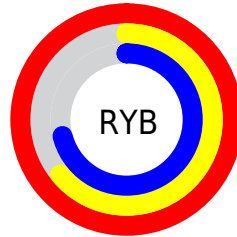
Distribution



Red (100%)

Green (64%)

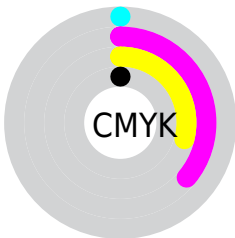
Blue (71%)



Red (100%)

Yellow (64%)

Blue (71%)

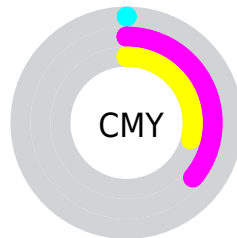


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6777, 50.7906, 50.2161 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 62.6777, 50.7906, 50.2161 by changing the saturation by 10% instead.


 62.6777, 50.7906,
50.2161


 62.6777, 50.7906,
50.2161


424.0771,
389.7497, 404.2697

 45.8382, 36.0420,
35.2128


 107.7888, 91.3452,
91.8946

 32.3222, 24.4666,
23.5419


 136.7911,
117.9199, 119.4068

 21.7645, 15.6801,
14.7851


170.5784,
149.2055, 151.9257

 13.7996, 9.2981,
8.5238


209.5161,
185.5863, 189.8698

 8.0622, 4.9361,
4.3393

253.9694,
227.4467, 233.6578

 4.1869, 2.2098,
1.8133

304.3038,

 1.8084, 0.7253,

275.1712, 283.7080

0.4367

360.8846,
329.1440, 340.4392

■ 0.5227, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6777, 50.7906,
50.2161

■ 62.6777, 50.7906,
50.2161

■ 56.6459, 41.8509,
38.5749

■ 69.9347, 61.6845,
63.7957

■ 51.7668, 34.7426,
28.7796

■ 78.4764, 74.6318,
79.3941

■ 47.9662, 29.3399,
20.7346

■ 88.3629, 89.7332,
97.0911

■ 45.1590, 25.4981,
14.3340

95.0500, 100.0000,
108.9000

■ 43.2471, 23.0485,
9.4603

■ 42.1105, 21.7820,
5.9783

■ 41.8131, 21.4892,
4.9480

Harmonies

Analogous

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



61.6743, 50.7906, 70.8825



62.6777, 50.7906, 50.2161



59.5408, 50.7906, 35.0441

Triad

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



62.6777, 50.7906, 50.2161



40.5552, 50.7906, 30.3754



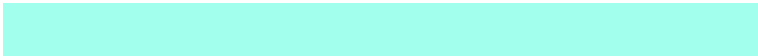
43.4486, 50.7906, 98.6274

Complementary

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



62.6777, 50.7906, 50.2161



66.1525, 85.4220, 93.1265

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.



38.5281, 50.7906, 82.1640



62.6777, 50.7906, 50.2161



36.9721, 50.7906, 42.1909

Square

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



62.6777, 50.7906, 50.2161



46.4647, 50.7906, 25.5113



36.2671, 50.7906, 60.7209



50.1316, 50.7906, 102.2406

Rectangle

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



62.6777, 50.7906, 50.2161



55.6852, 50.7906, 28.9044



36.2671, 50.7906, 60.7209



41.5531, 50.7906, 94.2509

Sweetspot

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



62.6790, 50.7930, 50.2171



83.3230, 82.0219, 88.1098



65.9404, 51.3527, 101.0444



17.5501, 17.1217, 18.3494



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.



62.6790, 50.7930, 50.2171



58.3754, 44.4005, 41.9549



66.3961, 60.9940, 42.9270



18.1546, 18.0451, 19.4311



21.8892, 11.2450, 2.8010



2.1674, 1.1093, 0.4630

Inverse Universe

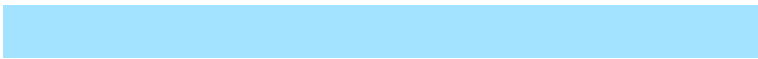
The Inverse Universe completely reimagines the original color for something new.



62.6790, 50.7930, 50.2171



58.3754, 44.4005, 41.9549



60.7348, 70.1656, 104.9500



18.1546, 18.0451, 19.4311



21.8892, 11.2450, 2.8010



2.1674, 1.1093, 0.4630

Previews

White Background



This preview shows how the XYZ color 62.6777, 50.7906, 50.2161 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 62.6777, 50.7906, 50.2161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

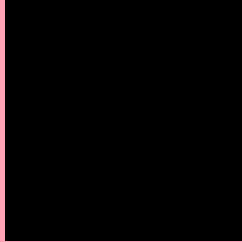
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6777, 50.7906, 50.2161

Background



This preview shows how black text looks on a background with the XYZ color 62.6777, 50.7906, 50.2161.



This preview shows how white text looks on a background with the XYZ color 62.6777, 50.7906,

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

62.6777, 50.7906, 50.2161

Protanopia

49.3194, 50.9829, 58.8710

Deuteranopia

52.0207, 51.0383, 48.7046



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

62.6777, 50.7906, 50.2161



Protanomaly

53.1459, 50.2540, 55.6141



Deuteranomaly

55.5561, 50.7590, 48.9888



Tritanomaly

62.5513, 51.0253, 48.6715

Monochromacy



Original Color

62.6777, 50.7906, 50.2161



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.2322, 51.7289, 55.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6777, 50.7906, 50.2161 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, 163, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 181)  
}
```

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, 163, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 181) }
```

Border

The CSS property to change the border of an element to XYZ 62.6777, 50.7906, 50.2161 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, 163, 181) }
```


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

```
.border{ border-color:rgb(255, 163, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6777, 50.7906, 50.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 181) }
```

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

```
.background{ background-color: rgb(255,  
163, 181) }
```

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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