

Converting Colors

XYZ(62.1748, 50.6463, 47.3929)

Have a look what the booklet for
XYZ(62.1748, 50.6463, 47.3929)
contains.

XYZ(62.1737, 50.5890, 47.5620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1737, 50.5890,
47.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3B0
RGB	255, 163, 176
RGB Percent	100%, 64%, 69%
CMY	0.0000, 0.3608, 0.3098
CMYK	0.00, 0.36, 0.31, 0.00
HSL	352°, 100%, 82%
HSV	352°, 36%, 100%
XYZ	62.1737, 50.5890, 47.5620
YIQ	191.9900, 50.6590, 23.5470

Conversions

Conversions Part 2

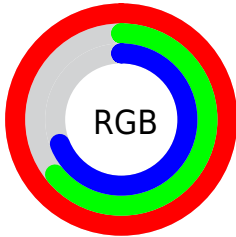
Format	Color
R _Y B	255, 163, 176
Decimal	16753584
CIE Lab	76.43, 35.63, 7.61
CIE LCh	76, 36.438, 12.056
Yxy	50.5890, 0.3878, 0.3155
Android (android.graphics.Color)	4294943664 (0xFFFFA3B0)
YUV	191.9900, -7.8831, 55.2598
Hunter-Lab	71.1259, 31.5628, 10.1409

Details

The XYZ color **62.1737, 50.5890, 47.5620** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8935, 85.7184, 97.0284**, and the grayscale version is **50.1222, 52.7324, 57.4256**.

A 20% lighter version of the original color is **81.1370, 77.7492, 87.0747**, and **31.9790, 24.3429, 22.0819** is the 20% darker color. If you saturate the color by 10%, you get **56.0992, 41.6322, 35.6959**, and if you desaturate by 10%, it is **69.5131, 61.5159, 61.5751**.

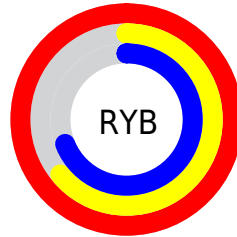
Distribution



Red (100%)

Green (64%)

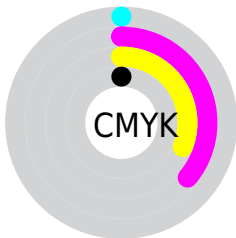
Blue (69%)



Red (100%)

Yellow (64%)

Blue (69%)

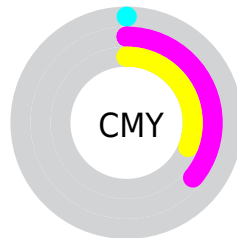


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1737, 50.5890, 47.5620 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 62.1737, 50.5890, 47.5620 by changing the saturation by 10% instead.


 62.1737, 50.5890,
47.5620


 62.1737, 50.5890,
47.5620


422.2719,
388.9648, 393.5119

 45.4292, 35.8816,
33.1226


 107.0651, 91.0470,
87.9107

 31.9983, 24.3428,
21.9485


 135.9426,
117.5663, 114.6570

 21.5158, 15.5881,
13.6211


169.5953,
148.7918, 146.3428

 13.6161, 9.2332,
7.7219

208.3883,
185.1078, 183.3865

 7.9341, 4.8936,
3.8323

252.6872,
226.8987, 226.2068

 4.1042, 2.1850,
1.5338

302.8571,

 1.7613, 0.7118,

274.5489, 275.2221

0.2429

359.2636,
328.4428, 330.8509

■ 0.4942, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1737, 50.5890,
47.5620

■ 62.1737, 50.5890,
47.5620

■ 56.0992, 41.6322,
35.6959

■ 69.5131, 61.5159,
61.5751

■ 51.2138, 34.5214,
25.8675

■ 78.1797, 74.5131,
77.8313

■ 47.4396, 29.1293,
17.9618

■ 88.2363, 89.6826,
96.4245

■ 44.6875, 25.3096,
11.8515

95.0500, 100.0000,
108.9000

■ 42.8546, 22.8915,
7.3934

■ 41.8148, 21.6637,
4.4214

■ 41.5587, 21.3875,
3.6085

Harmonies

Analogous

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



61.7583, 50.5890, 67.5628



62.1737, 50.5890, 47.5620



58.5593, 50.5890, 33.4518

Triad

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



62.1737, 50.5890, 47.5620



39.7763, 50.5890, 31.5219



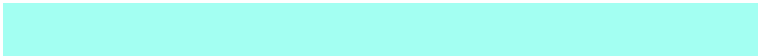
44.1322, 50.5890, 99.4147

Complementary

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



62.1737, 50.5890, 47.5620



66.8935, 85.7184, 97.0284

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.



38.9378, 50.5890, 84.4667



62.1737, 50.5890, 47.5620



36.5925, 50.5890, 44.2428

Square

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



62.1737, 50.5890, 47.5620



45.3801, 50.5890, 25.7789



36.3009, 50.5890, 63.3574



50.8919, 50.5890, 100.9113

Rectangle

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



62.1737, 50.5890, 47.5620



54.5344, 50.5890, 27.9926



36.3009, 50.5890, 63.3574



42.1621, 50.5890, 95.6571

Sweetspot

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



62.1750, 50.5914, 47.5630



83.1068, 81.9354, 86.9712



67.4927, 52.1529, 101.1170



17.4990, 17.1013, 18.0801



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.



62.1750, 50.5914, 47.5630



57.8377, 44.1854, 39.1238



67.4124, 63.0264, 43.2658



18.1139, 18.0289, 19.2167



21.7468, 11.1880, 2.0511



2.1475, 1.1014, 0.3580

Inverse Universe

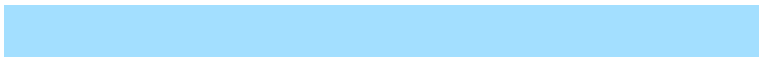
The Inverse Universe completely reimagines the original color for something new.



62.1750, 50.5914, 47.5630



57.8377, 44.1854, 39.1238



59.4905, 67.6770, 104.5352



18.1139, 18.0289, 19.2167



21.7468, 11.1880, 2.0511



2.1475, 1.1014, 0.3580

Previews

White Background



This preview shows how the XYZ color 62.1737, 50.5890, 47.5620 looks on a white background.

Color Contrast Check

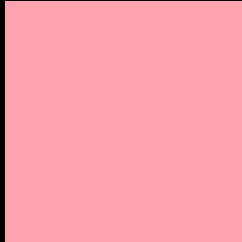
Large Text (above 18pt) WCAG AA × Fail

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 62.1737, 50.5890, 47.5620 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 62.1737, 50.5890, 47.5620

Background



This preview shows how black text looks on a background with the XYZ color 62.1737, 50.5890, 47.5620.



This preview shows how white text looks on a background with the XYZ color 62.1737, 50.5890,

47.5620.

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

62.1737, 50.5890, 47.5620

Protanopia

49.0157, 50.8906, 55.9547

Deuteranopia

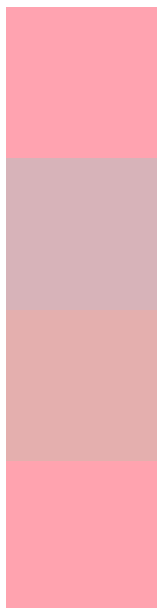
51.7113, 50.6192, 46.5802



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

62.1737, 50.5890, 47.5620

Protanomaly

52.9014, 50.1901, 52.7984

Deuteranomaly

54.9649, 50.2099, 46.8389

Tritanomaly

62.0751, 50.5495, 47.0428

Monochromacy



Original Color

62.1737, 50.5890, 47.5620

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.4111, 51.0400, 53.4910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1737, 50.5890, 47.5620 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 176) }
```

Border

The CSS property to change the border of an element to XYZ 62.1737, 50.5890, 47.5620 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, 176) }
```


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

```
.border{ border-color:rgb(255, 163, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1737, 50.5890, 47.5620 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
163, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor