

Converting Colors

XYZ(62.1314, 48.5206, 53.6642)

Have a look what the booklet for
XYZ(62.1314, 48.5206, 53.6642)
contains.

XYZ(62.2056, 48.6678, 53.6922)	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(62.2056, 48.6678,
53.6922)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CBC
RGB	255, 156, 188
RGB Percent	100%, 61%, 74%
CMY	0.0000, 0.3882, 0.2627
CMYK	0.00, 0.39, 0.26, 0.00
HSL	341°, 100%, 81%
HSV	341°, 39%, 100%
XYZ	62.2056, 48.6678, 53.6922
YIQ	189.2490, 48.7320, 30.9400

Conversions

Conversions Part 2

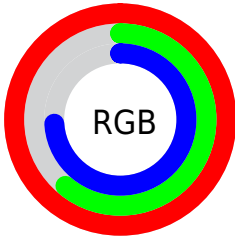
Format	Color
R_{YB}	255, 156, 188
Decimal	16751804
CIE Lab	75.24, 40.82, -0.69
CIE LCh	75, 40.822, 359.030
Yxy	48.6678, 0.3780, 0.2957
Android (android.graphics.Color)	4294941884 (0xFFFF9CBC)
YUV	189.2490, -0.6158, 57.6636
Hunter-Lab	69.7623, 37.0807, 3.2014

Details

The XYZ color **62.2056, 48.6678, 53.6922** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7916, 83.9166, 82.7041**, and the grayscale version is **48.4974, 51.0230, 55.5641**.

A 20% lighter version of the original color is **81.1126, 74.8786, 95.7659**, and **31.9884, 23.1855, 25.7110** is the 20% darker color. If you saturate the color by 10%, you get **56.6164, 40.2909, 43.1925**, and if you desaturate by 10%, it is **68.9179, 58.9345, 65.6651**.

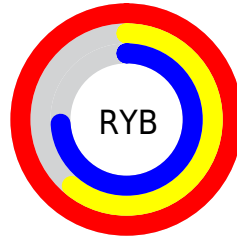
Distribution



Red (100%)

Green (61%)

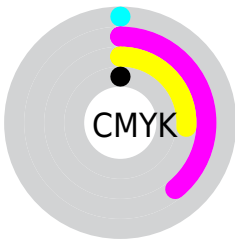
Blue (74%)



Red (100%)

Yellow (61%)

Blue (74%)

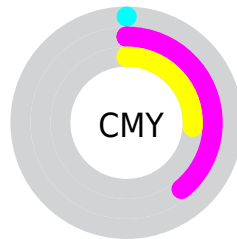


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2056, 48.6678, 53.6922 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 62.2056, 48.6678, 53.6922 by changing the saturation by 10% instead.


 62.2056, 48.6678,
53.6922


 62.2056, 48.6678,
53.6922


422.3863,
381.4331, 418.0766

 45.4551, 34.3560,
37.9641

 107.1109, 88.1979,
97.0740

 32.0188, 23.1672,
25.6532


 135.9964,
114.1849, 125.5648

 21.5315, 14.7170,
16.3410


169.6575,
144.8326, 159.1470

 13.6277, 8.6210,
9.6088

208.4598,
180.5252, 198.2390

 7.9422, 4.4948,
5.0382

252.7684,
221.6471, 243.2594

 4.1095, 1.9540,
2.2105

302.9488,

 1.7642, 0.5806,

268.5828, 294.6268

0.6804

359.3663,
321.7167, 352.7597

■ 0.4960, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2056, 48.6678,
53.6922

■ 62.2056, 48.6678,
53.6922

■ 56.6164, 40.2909,
43.1925

■ 68.9179, 58.9345,
65.6651

■ 52.0821, 33.6804,
34.1030

■ 76.8088, 71.1906,
79.1647

■ 48.5327, 28.7093,
26.3602

■ 85.9344, 85.5369,
94.2451

■ 45.8873, 25.2301,
19.8938

95.0500, 100.0000,
108.9000

■ 44.0512, 23.0683,
14.6256

■ 42.8906, 21.9724,
10.4608

■ 42.7788, 21.8755,
10.0335

Harmonies

Analogous

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



59.7396, 48.6678, 77.1794



62.2056, 48.6678, 53.6922



60.0292, 48.6678, 35.3875

Triad

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



62.2056, 48.6678, 53.6922



39.6136, 48.6678, 24.4865



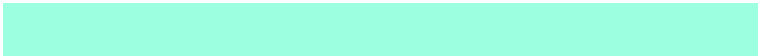
39.2340, 48.6678, 96.8157

Complementary

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



62.2056, 48.6678, 53.6922



62.7916, 83.9166, 82.7041

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.



34.7714, 48.6678, 75.6360



62.2056, 48.6678, 53.6922



34.9733, 48.6678, 34.4716

Square

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



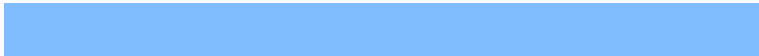
62.2056, 48.6678, 53.6922



46.5015, 48.6678, 21.5208



33.2983, 48.6678, 52.2959



46.0139, 48.6678, 105.8641

Rectangle

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



62.2056, 48.6678, 53.6922



56.3587, 48.6678, 27.5476



33.2983, 48.6678, 52.2959



37.4413, 48.6678, 90.6399

Sweetspot

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



62.2068, 48.6701, 53.6932



82.8963, 80.7438, 89.2764



60.0645, 46.5291, 100.4230



17.4840, 16.8745, 18.6820



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.



62.2068, 48.6701, 53.6932



57.5537, 41.6814, 44.9976



62.0902, 53.3584, 38.4821



18.2513, 18.0838, 19.9407



22.4131, 11.4545, 5.5600



2.2298, 1.1343, 0.7918

Inverse Universe

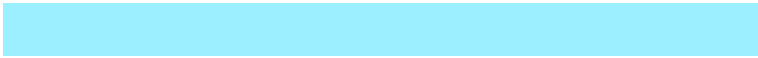
The Inverse Universe completely reimagines the original color for something new.



62.2068, 48.6701, 53.6932



57.5537, 41.6814, 44.9976



62.4822, 75.7299, 105.9319



18.2513, 18.0838, 19.9407



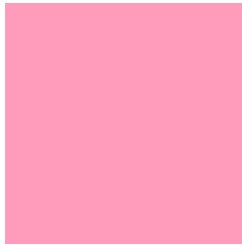
22.4131, 11.4545, 5.5600



2.2298, 1.1343, 0.7918

Previews

White Background



This preview shows how the XYZ color 62.2056, 48.6678, 53.6922 looks on a white background.

Color Contrast Check

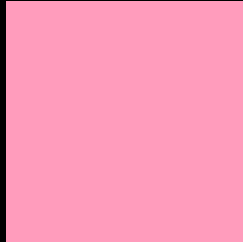
Large Text (above 18pt) WCAG AA × Fail

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 62.2056, 48.6678, 53.6922 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 62.2056, 48.6678, 53.6922

Background



This preview shows how black text looks on a background with the XYZ color 62.2056, 48.6678, 53.6922.



This preview shows how white text looks on a background with the XYZ color 62.2056, 48.6678,

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

62.2056, 48.6678, 53.6922

Protanopia

47.6884, 48.7560, 64.6550

Deuteranopia

49.8748, 48.9406, 52.1652



Tritanopia

60.2568, 48.6192, 44.7366

Trichromacy



Original Color

62.2056, 48.6678, 53.6922



Protanomaly

51.7394, 47.9509, 60.5613



Deuteranomaly

53.7513, 48.3166, 52.3920



Tritanomaly

61.0357, 48.6989, 47.7779

Monochromacy



Original Color

62.2056, 48.6678, 53.6922



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.3480, 49.2645, 54.8941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2056, 48.6678, 53.6922 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, 156, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 188)  
}
```

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, 156, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.2056, 48.6678, 53.6922 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, 156, 188) }
```


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

```
.border{ border-color:rgb(255, 156, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2056, 48.6678, 53.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 188) }
```

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

```
.background{ background-color: rgb(255,  
156, 188) }
```

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