

Converting Colors

XYZ(62.5214, 52.6022, 59.6747)

Have a look what the booklet for
XYZ(62.5214, 52.6022, 59.6747)
contains.

XYZ(62.6470, 52.7499, 59.7032)	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(62.6470, 52.7499,
59.7032)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ABC5
RGB	246, 171, 197
RGB Percent	96%, 67%, 77%
CMY	0.0353, 0.3294, 0.2274
CMYK	0.00, 0.30, 0.20, 0.04
HSL	339°, 81%, 82%
HSV	339°, 30%, 96%
XYZ	62.6470, 52.7499, 59.7032
YIQ	196.3890, 36.3540, 23.9860

Conversions

Conversions Part 2

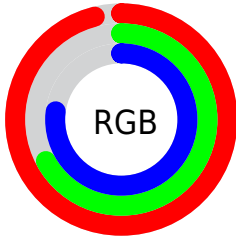
Format	Color
R _Y B	246, 171, 197
Decimal	16165829
CIE Lab	77.73, 31.14, -2.10
CIE LCh	78, 31.209, 356.143
Yxy	52.7499, 0.3578, 0.3013
Android (android.graphics.Color)	4294355909 (0xFFF6ABC5)
YUV	196.3890, 0.3012, 43.5088
Hunter-Lab	72.6291, 26.8660, 2.1023

Details

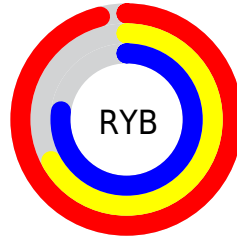
The XYZ color **62.6470, 52.7499, 59.7032** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6709, 79.7381, 79.8020**, and the grayscale version is **52.6872, 55.4310, 60.3643**.

A 20% lighter version of the original color is **86.5985, 83.3539, 105.2906**, and **32.1754, 25.6314, 29.2381** is the 20% darker color. If you saturate the color by 10%, you get **56.6810, 43.6094, 49.1074**, and if you desaturate by 10%, it is **69.6771, 63.7032, 71.6237**.

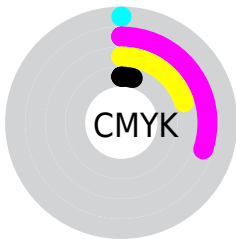
Distribution



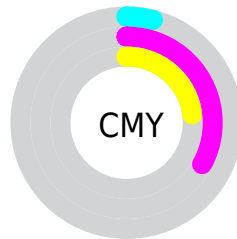
- Red (96%)
- Green (67%)
- Blue (77%)



- Red (96%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6470, 52.7499, 59.7032 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 62.6470, 52.7499, 59.7032 by changing the saturation by 10% instead.


 62.6470, 52.7499,
59.7032

 62.6470, 52.7499,
59.7032


423.9673,
397.3248, 441.2771

 45.8133, 37.6032,
42.7557

 107.7448, 94.2362,
105.9382

 32.3025, 25.6748,
29.3635


136.7395,
121.3446, 136.0627

 21.7493, 16.5805,
19.1080


170.5186,
153.2090, 171.4167

 13.7884, 9.9359,
11.5708

209.4474,
190.2138, 212.4187

 8.0543, 5.3565,
6.3332

253.8914,
232.7434, 259.4872

 4.1818, 2.4579,
2.9767


304.2158,


 1.8055, 0.8554,


281.1822, 313.0407


1.0827


360.7859,
335.9145, 373.4979


 0.5210, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 62.6470, 52.7499,
59.7032


 62.6470, 52.7499,
59.7032


 56.6810, 43.6094,
49.1074


 69.6771, 63.7032,
71.6237


 51.7203, 36.1758,
39.7848

 77.8171, 76.5531,
84.9114

 47.7074, 30.3434,
31.6850

 87.1152, 91.3867,
99.6106

 44.5765, 25.9918,
24.7525

 91.8163, 98.3329,
108.7487

■ 42.2529, 22.9831,
18.9268

■ 40.6484, 21.1530,
14.1404

■ 39.6567, 20.2531,
10.4698

Harmonies

Analogous

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



60.4187, 52.7499, 78.0416



62.6470, 52.7499, 59.7032



61.3081, 52.7499, 43.9853

Triad

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



62.6470, 52.7499, 59.7032



45.1897, 52.7499, 32.4424



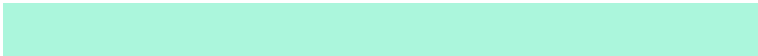
43.9383, 52.7499, 89.7396

Complementary

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



62.6470, 52.7499, 59.7032



62.6709, 79.7381, 79.8020

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.



40.4130, 52.7499, 73.3815



62.6470, 52.7499, 59.7032



41.0937, 52.7499, 40.8193

Square

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



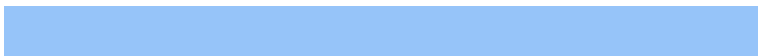
62.6470, 52.7499, 59.7032



50.9228, 52.7499, 30.2203



39.4145, 52.7499, 55.2263



49.3597, 52.7499, 97.4467

Rectangle

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



62.6470, 52.7499, 59.7032



58.6265, 52.7499, 36.6266



39.4145, 52.7499, 55.2263



42.5097, 52.7499, 84.9281

Sweetspot

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



62.6485, 52.7524, 59.7043



85.8396, 85.2929, 94.3810



60.6391, 50.9591, 93.8293



18.0754, 17.7831, 19.7243



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.



62.6485, 52.7524, 59.7043



63.5890, 50.4937, 57.0542



62.1378, 56.0940, 46.0834



16.7363, 16.5774, 18.3577



21.2266, 10.8341, 5.9015



1.9122, 0.9708, 0.7639

Inverse Universe

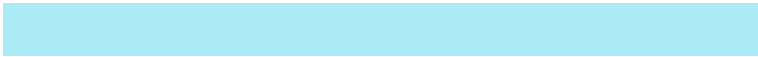
The Inverse Universe completely reimagines the original color for something new.



62.6485, 52.7524, 59.7043



63.5890, 50.4937, 57.0542



63.0678, 74.5869, 98.2620



16.7363, 16.5774, 18.3577



21.2266, 10.8341, 5.9015



1.9122, 0.9708, 0.7639

Previews

White Background



This preview shows how the XYZ color 62.6470, 52.7499, 59.7032 looks on a white background.

Color Contrast Check

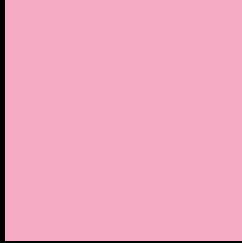
Large Text (above 18pt) WCAG AA × Fail

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 62.6470, 52.7499, 59.7032 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 62.6470, 52.7499, 59.7032

Background



This preview shows how black text looks on a background with the XYZ color 62.6470, 52.7499, 59.7032.



This preview shows how white text looks on a background with the XYZ color 62.6470, 52.7499,

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

62.6470, 52.7499, 59.7032

Protanopia

51.6253, 52.9414, 67.8194

Deuteranopia

53.8749, 52.7145, 58.3743



Tritanopia

61.4627, 52.8448, 53.4150

Trichromacy



Original Color

62.6470, 52.7499, 59.7032



Protanomaly

55.0239, 52.5376, 64.9983



Deuteranomaly

56.8056, 52.6759, 58.8032



Tritanomaly

61.7030, 52.6352, 55.6227

Monochromacy



Original Color

62.6470, 52.7499, 59.7032



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.4657, 53.8223, 59.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6470, 52.7499, 59.7032 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(246, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(246, 171, 197)  
}
```

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(246, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 171, 197) }
```

Border

The CSS property to change the border of an element to XYZ 62.6470, 52.7499, 59.7032 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(246, 171, 197) }
```


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

```
.border{ border-color:rgb(246, 171, 197) }
```

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

Here you see how a box with a 4 pixel rgb(246, 171, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(246, 171,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6470, 52.7499, 59.7032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 171, 197) }
```

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

```
.background{ background-color: rgb(246,  
171, 197) }
```

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