

Converting Colors

XYZ(62.3829, 52.2046, 62.5783)

Have a look what the booklet for
XYZ(62.3829, 52.2046, 62.5783)
contains.

XYZ(62.3436, 52.2468, 62.6759)	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(62.3436, 52.2468,
62.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AACA
RGB	244, 170, 202
RGB Percent	96%, 67%, 79%
CMY	0.0431, 0.3333, 0.2078
CMYK	0.00, 0.30, 0.17, 0.04
HSL	334°, 77%, 81%
HSV	334°, 30%, 96%
XYZ	62.3436, 52.2468, 62.6759
YIQ	195.7740, 33.8320, 25.6400

Conversions

Conversions Part 2

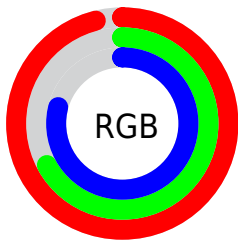
Format	Color
RYB	244, 170, 202
Decimal	16034506
CIELab	77.43, 31.72, -5.29
CIELCh	77, 32.161, 350.537
Yxy	52.2468, 0.3517, 0.2947
Android (android.graphics.Color)	4294224586 (0xFFFF4AACA)
YUV	195.7740, 3.0694, 42.2942
Hunter-Lab	72.2819, 27.4639, -0.8132

Details

The XYZ color **62.3436, 52.2468, 62.6759** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.8141, 78.0022, 74.1417**, and the grayscale version is **52.3032, 55.0271, 59.9245**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **32.2001, 25.4255, 31.2275** is the 20% darker color. If you saturate the color by 10%, you get **56.6201, 43.3071, 53.0376**, and if you desaturate by 10%, it is **69.0661, 62.9479, 73.3745**.

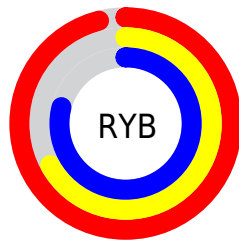
Distribution



Red (96%)

Green (67%)

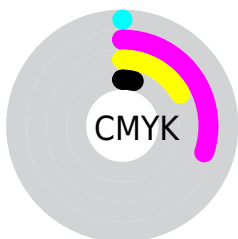
Blue (79%)



Red (96%)

Yellow (67%)

Blue (79%)

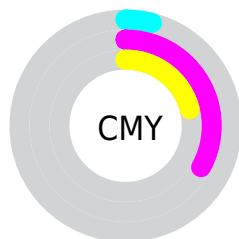


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3436, 52.2468, 62.6759 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 62.3436, 52.2468, 62.6759 by changing the saturation by 10% instead.


 62.3436, 52.2468,
62.6759

 62.3436, 52.2468,
62.6759


422.8809,
395.3887, 452.4678

 45.5670, 37.2018,
45.1398

 107.3091, 93.4951,
110.2829

 32.1075, 25.3638,
31.2238

136.2288,
120.4673, 141.1907

 21.5996, 16.3483,
20.5094


169.9269,
152.1839, 177.3930

 13.6779, 9.7710,
12.5781

208.7687,
189.0295, 219.3080

 7.9772, 5.2474,
7.0114

253.1197,
231.3883, 267.3545

 4.1320, 2.3931,
3.3907

303.3452,

 1.7771, 0.8223,

279.6449, 321.9510

1.2974

359.8105,
334.1835, 383.5159

■ 0.5038, 0.0000,
0.0597

■ 0.0000, 0.0000,
0.0000

■ 62.3436, 52.2468,
62.6759

■ 62.3436, 52.2468,
62.6759

■ 56.6201, 43.3071,
53.0376

■ 69.0661, 62.9479,
73.3745

■ 51.8403, 36.0258,
44.4204

■ 76.8303, 75.4915,
85.1643

■ 47.9501, 30.3007,
36.7870

■ 85.6816, 89.9622,
98.0784

■ 44.8875, 26.0147,
30.0962

■ 91.1185, 97.9732,
108.7160

■ 42.5823, 23.0342,
24.3028

■ 40.9510, 21.1999,
19.3562

■ 39.8843, 20.2636,
15.3103

Harmonies

Analogous

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



59.4225, 52.2468, 81.4091



62.3436, 52.2468, 62.6759



61.6546, 52.2468, 45.7519

Triad

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



62.3436, 52.2468, 62.6759



45.6010, 52.2468, 30.5734



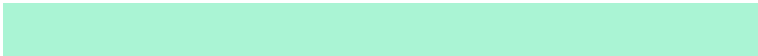
42.4744, 52.2468, 87.4576

Complementary

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



62.3436, 52.2468, 62.6759



60.8141, 78.0022, 74.1417

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.



39.3299, 52.2468, 69.6984



62.3436, 52.2468, 62.6759



41.0283, 52.2468, 37.8630

Square

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



62.3436, 52.2468, 62.6759



51.6409, 52.2468, 29.4621



38.8234, 52.2468, 51.4677



47.7285, 52.2468, 97.5521

Rectangle

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



62.3436, 52.2468, 62.6759



59.2610, 52.2468, 37.4912



38.8234, 52.2468, 51.4677



41.1546, 52.2468, 82.0321

Sweetspot

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



62.3451, 52.2492, 62.6770



86.1337, 85.4106, 95.9297



57.8381, 49.2709, 92.0503



18.1476, 17.8119, 20.1047



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.



62.3451, 52.2492, 62.6770



65.1396, 51.8322, 63.0052



59.8828, 52.7719, 45.0630



16.7966, 16.6015, 18.6757



21.7523, 11.0444, 8.6702



1.9623, 0.9909, 1.0280

Inverse Universe

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



62.3451, 52.2492, 62.6770



65.1396, 51.8322, 63.0052



63.7944, 76.8511, 97.0599



16.7966, 16.6015, 18.6757



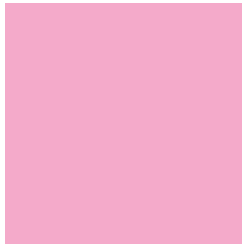
21.7523, 11.0444, 8.6702



1.9623, 0.9909, 1.0280

Previews

White Background



This preview shows how the XYZ color 62.3436, 52.2468, 62.6759 looks on a white background.

Color Contrast Check

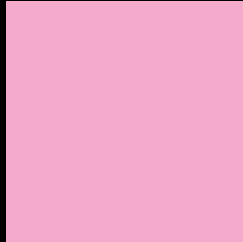
Large Text (above 18pt) WCAG AA × Fail

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 62.3436, 52.2468, 62.6759 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 62.3436, 52.2468, 62.6759

Background



This preview shows how black text looks on a background with the XYZ color 62.3436, 52.2468, 62.6759.



This preview shows how white text looks on a background with the XYZ color 62.3436, 52.2468,

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

62.3436, 52.2468, 62.6759

Protanopia

51.4182, 52.4246, 71.6989

Deuteranopia

53.5998, 52.5067, 61.3426



Tritanopia

60.4244, 52.3096, 53.3664

Trichromacy



Original Color

62.3436, 52.2468, 62.6759



Protanomaly

54.5788, 51.9300, 68.1197



Deuteranomaly

56.2618, 52.0283, 61.7207



Tritanomaly

61.2291, 52.3655, 56.7496

Monochromacy



Original Color

62.3436, 52.2468, 62.6759



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.4039, 53.7640, 60.8835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3436, 52.2468, 62.6759 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(244, 170, 202)` looks like.

```
.text, #text, p{  
    color:rgb(244, 170, 202)  
}
```

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(244, 170, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 170, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.3436, 52.2468, 62.6759 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(244, 170, 202) }
```


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

```
.border{ border-color:rgb(244, 170, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 170, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 170, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 170, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 170,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3436, 52.2468, 62.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 170, 202) }
```

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

```
.background{ background-color: rgb(244,  
170, 202) }
```

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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