

Converting Colors

XYZ(61.2017, 50.1134, 62.3933)

Have a look what the booklet for
XYZ(61.2017, 50.1134, 62.3933)
contains.

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Color

**XYZ(61.2444, 50.0483,
62.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A4CA
RGB	244, 164, 202
RGB Percent	96%, 64%, 79%
CMY	0.0431, 0.3568, 0.2078
CMYK	0.00, 0.33, 0.17, 0.04
HSL	332°, 78%, 80%
HSV	332°, 33%, 96%
XYZ	61.2444, 50.0483, 62.3095
YIQ	192.2520, 35.4820, 28.7780

Conversions

Conversions Part 2

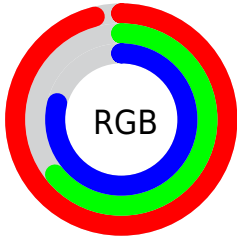
Format	Color
RYB	244, 164, 202
Decimal	16032970
CIELab	76.10, 34.88, -7.25
CIElCh	76, 35.631, 348.252
Yxy	50.0483, 0.3528, 0.2883
Android (android.graphics.Color)	4294223050 (0xFFF4A4CA)
YUV	192.2520, 4.8058, 45.3830
Hunter-Lab	70.7448, 30.7255, -2.6991

Details

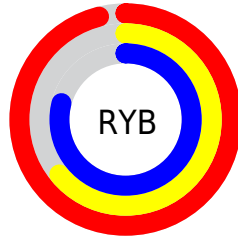
The XYZ color **61.2444, 50.0483, 62.3095** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.8033, 77.0515, 70.1693**, and the grayscale version is **50.2097, 52.8245, 57.5259**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **31.5233, 24.0718, 31.0018** is the 20% darker color. If you saturate the color by 10%, you get **55.8351, 41.5568, 53.3309**, and if you desaturate by 10%, it is **67.6202, 60.2701, 72.2326**.

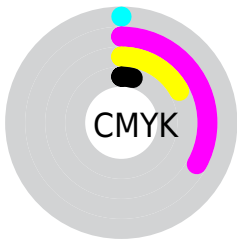
Distribution



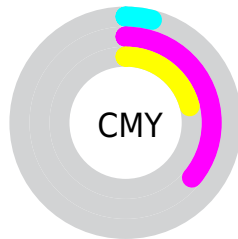
- Red (96%)
- Green (64%)
- Blue (79%)



- Red (96%)
- Yellow (64%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2444, 50.0483, 62.3095 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 61.2444, 50.0483, 62.3095 by changing the saturation by 10% instead.


 61.2444, 50.0483,
62.3095


 61.2444, 50.0483,
62.3095


418.9312,
386.8548, 451.0979

 44.6757, 35.4518,
44.8454


 105.7288, 90.2464,
109.7487

 31.4023, 24.0111,
30.9936

 134.3753,
116.6168, 140.5608

 21.0587, 15.3418,
20.3356


167.7784,
147.6807, 176.6594

 13.2796, 9.0597,
12.4527

206.3036,
183.8223, 218.4630

 7.6997, 4.7801,
6.9265

250.3160,
225.4261, 266.3901

 3.9536, 2.1188,
3.3384

300.1812,

 1.6759, 0.6752,

272.8766, 320.8593

1.2699

356.2645,
326.5580, 382.2890

■ 0.4411, 0.0000,
0.0370

■ 0.0000, 0.0000,
0.0000

■ 61.2444, 50.0483,
62.3095

■ 61.2444, 50.0483,
62.3095

■ 55.8351, 41.5568,
53.3309

■ 67.6202, 60.2701,
72.2326

■ 51.3368, 34.6913,
45.2618

■ 75.0053, 72.3048,
83.1275

■ 47.6950, 29.3470,
38.0688

■ 83.4451, 86.2382,
95.0237

■ 44.8468, 25.4038,
31.7149

■ 90.8371, 97.8607,
107.2340

■ 42.7203, 22.7230,
26.1591

■ 91.1185, 97.9733,
108.7160

■ 41.2289, 21.1373,
21.3546

■ 40.4547, 20.4917,
18.3135

Harmonies

Analogous

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



57.7802, 50.0483, 82.7515



61.2444, 50.0483, 62.3095



60.8003, 50.0483, 43.7932

Triad

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



61.2444, 50.0483, 62.3095



43.6693, 50.0483, 26.5525



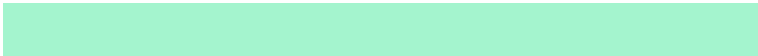
39.5401, 50.0483, 86.7011

Complementary

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



61.2444, 50.0483, 62.3095



58.8033, 77.0515, 70.1693

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.



36.4123, 50.0483, 66.8099



61.2444, 50.0483, 62.3095



38.6385, 50.0483, 33.5358

Square

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



61.2444, 50.0483, 62.3095



50.2253, 50.0483, 25.8910



36.0985, 50.0483, 47.3611



45.0088, 50.0483, 98.8778

Rectangle

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



61.2444, 50.0483, 62.3095



58.3539, 50.0483, 34.7913



36.0985, 50.0483, 47.3611



38.2029, 50.0483, 80.5075

Sweetspot

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



61.2458, 50.0506, 62.3105



85.3666, 83.9632, 95.4062



54.8756, 46.1118, 91.5968



18.0012, 17.5262, 20.0343



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.



61.2458, 50.0506, 62.3105



63.8071, 49.1878, 62.4973



57.5263, 48.9466, 41.5404



16.8269, 16.6136, 18.8348



22.0649, 11.1694, 10.3160



1.9908, 1.0023, 1.1782

Inverse Universe

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



61.2458, 50.0506, 62.3105



63.8071, 49.1878, 62.4973



63.5915, 78.3273, 97.3557



16.8269, 16.6136, 18.8348



22.0649, 11.1694, 10.3160



1.9908, 1.0023, 1.1782

Previews

White Background



This preview shows how the XYZ color 61.2444, 50.0483, 62.3095 looks on a white background.

Color Contrast Check

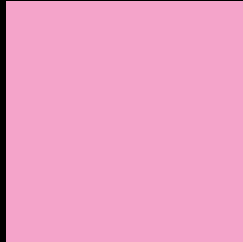
Large Text (above 18pt) WCAG AA × Fail

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 61.2444, 50.0483, 62.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

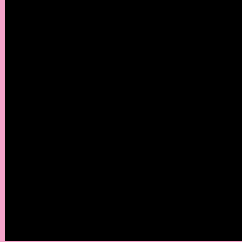
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2444, 50.0483, 62.3095

Background



This preview shows how black text looks on a background with the XYZ color 61.2444, 50.0483, 62.3095.



This preview shows how white text looks on a background with the XYZ color 61.2444, 50.0483,

62.3095.

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

61.2444, 50.0483, 62.3095

Protanopia

49.6934, 50.5658, 72.1068

Deuteranopia

51.1241, 49.9969, 60.9887



Tritanopia

58.9611, 50.2187, 50.3017

Trichromacy



Original Color

61.2444, 50.0483, 62.3095



Protanomaly

53.0548, 49.9225, 68.4677



Deuteranomaly

54.3706, 49.5818, 61.3482



Tritanomaly

59.9662, 50.3662, 54.7052

Monochromacy



Original Color

61.2444, 50.0483, 62.3095



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.5557, 51.2903, 59.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2444, 50.0483, 62.3095 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, 164, 202)` looks like.

```
.text, #text, p{  
    color:rgb(244, 164, 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, 164, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 164, 202) }
```

Border

The CSS property to change the border of an element to XYZ 61.2444, 50.0483, 62.3095 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, 164, 202) }
```


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

```
.border{ border-color:rgb(244, 164, 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, 164, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 164, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 164, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 164,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2444, 50.0483, 62.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 164, 202) }
```

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

```
.background{ background-color: rgb(244,  
164, 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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