

Converting Colors

XYZ(62.7568, 50.0915, 66.8524)

Have a look what the booklet for
XYZ(62.7568, 50.0915, 66.8524)
contains.

XYZ(62.7867, 50.2183, 66.7055)	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(62.7867, 50.2183,
66.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A2D1
RGB	247, 162, 209
RGB Percent	97%, 64%, 82%
CMY	0.0314, 0.3647, 0.1804
CMYK	0.00, 0.34, 0.15, 0.03
HSL	327°, 84%, 80%
HSV	327°, 34%, 97%
XYZ	62.7867, 50.2183, 66.7055
YIQ	192.7730, 35.5730, 32.6370

Conversions

Conversions Part 2

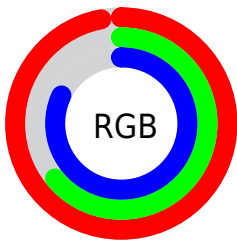
Format	Color
R _Y B	247, 162, 209
Decimal	16229073
CIE Lab	76.20, 38.03, -10.89
CIE LCh	76, 39.560, 344.019
Yxy	50.2183, 0.3494, 0.2794
Android (android.graphics.Color)	4294419153 (0xFFF7A2D1)
YUV	192.7730, 7.9999, 47.5571
Hunter-Lab	70.8649, 34.1385, -6.2046

Details

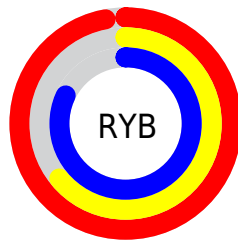
The XYZ color **62.7867, 50.2183, 66.7055** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.5885, 78.3744, 66.6870**, and the grayscale version is **50.4966, 53.1263, 57.8545**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **32.3713, 24.1227, 33.9603** is the 20% darker color. If you saturate the color by 10%, you get **57.5354, 41.8280, 58.4419**, and if you desaturate by 10%, it is **68.9902, 60.3601, 75.7552**.

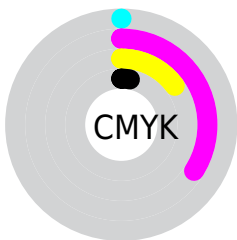
Distribution



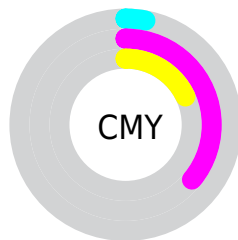
- Red (97%)
- Green (64%)
- Blue (82%)



- Red (97%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7867, 50.2183, 66.7055 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 62.7867, 50.2183, 66.7055 by changing the saturation by 10% instead.


 62.7867, 50.2183,
66.7055


 62.7867, 50.2183,
66.7055


424.4669,
387.5190, 467.3687

 45.9267, 35.5869,
48.3852

 107.9453, 90.4982,
116.1350

 32.3923, 24.1153,
33.7699


 136.9745,
116.9155, 148.0812

 21.8183, 15.4192,
22.4410


170.7909,
148.0303, 185.4066

 13.8393, 9.1141,
13.9799

209.7597,
184.2268, 228.5296

 8.0900, 4.8157,
7.9681

254.2464,
225.8896, 277.8688

 4.2049, 2.1395,
3.9870

304.6163,

 1.8187, 0.6867,

273.4029, 333.8427

1.6182

361.2346,
327.1513, 396.8698

■ 0.5289, 0.0000,
0.3038

■ 0.0000, 0.0000,
0.0000

■ 62.7867, 50.2183,
66.7055

■ 62.7867, 50.2183,
66.7055

■ 57.5354, 41.8280,
58.4419

■ 68.9902, 60.3601,
75.7552

■ 53.1798, 35.0810,
50.9345

■ 76.1894, 72.3394,
85.6130

■ 49.6638, 29.8678,
44.1555

■ 84.4307, 86.2451,
96.3038

■ 46.9229, 26.0625,
38.0733

■ 91.8752, 98.3972,
107.2233

■ 44.8823, 23.5190,
32.6526

■ 92.1680, 98.5143,
108.7651

■ 43.4509, 22.0585,
27.8523

■ 42.8426, 21.5681,
25.4108

Harmonies

Analogous

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



58.3366, 50.2183, 89.6003



62.7867, 50.2183, 66.7055



62.9385, 50.2183, 45.3747

Triad

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



62.7867, 50.2183, 66.7055



44.3607, 50.2183, 23.8668



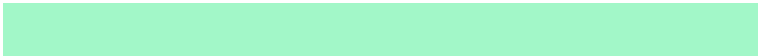
38.1974, 50.2183, 88.2336

Complementary

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



62.7867, 50.2183, 66.7055



58.5885, 78.3744, 66.6870

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.



35.1946, 50.2183, 65.1759



62.7867, 50.2183, 66.7055



38.4956, 50.2183, 30.2642

Square

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



62.7867, 50.2183, 66.7055



51.7638, 50.2183, 24.0755



35.2978, 50.2183, 44.1929



43.9133, 50.2183, 104.0595

Rectangle

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



62.7867, 50.2183, 66.7055



60.5465, 50.2183, 34.8732



35.2978, 50.2183, 44.1929



36.8649, 50.2183, 80.8444

Sweetspot

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



62.7882, 50.2206, 66.7065



85.6662, 84.0831, 96.9839



53.2200, 44.6781, 93.8150



18.0737, 17.5552, 20.4158



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.



62.7882, 50.2206, 66.7065



63.6352, 47.7833, 65.7099



58.3168, 48.4321, 43.1607



16.8826, 16.6359, 19.1286



22.7306, 11.4357, 13.8216



2.0495, 1.0258, 1.4872

Inverse Universe

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



62.7882, 50.2206, 66.7065



63.6352, 47.7833, 65.7099



64.0897, 80.5748, 95.6558



16.8826, 16.6359, 19.1286



22.7306, 11.4357, 13.8216



2.0495, 1.0258, 1.4872

Previews

White Background



This preview shows how the XYZ color 62.7867, 50.2183, 66.7055 looks on a white background.

Color Contrast Check

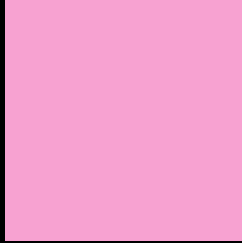
Large Text (above 18pt) WCAG AA × Fail

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 62.7867, 50.2183, 66.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

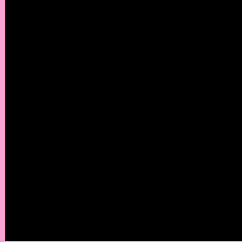
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7867, 50.2183, 66.7055

Background



This preview shows how black text looks on a background with the XYZ color 62.7867, 50.2183, 66.7055.



This preview shows how white text looks on a background with the XYZ color 62.7867, 50.2183,

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

62.7867, 50.2183, 66.7055

Protanopia

50.1833, 50.6802, 78.3715

Deuteranopia

51.5061, 50.4169, 64.7744



Tritanopia

59.3652, 50.1658, 49.7341

Trichromacy



Original Color

62.7867, 50.2183, 66.7055



Protanomaly

53.6084, 49.7926, 73.8033



Deuteranomaly

54.7895, 49.7151, 65.1008



Tritanomaly

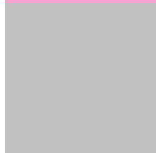
60.5153, 50.0843, 55.7680

Monochromacy



Original Color

62.7867, 50.2183, 66.7055



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.4773, 51.7256, 61.1456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7867, 50.2183, 66.7055 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(247, 162, 209)` looks like.

```
.text, #text, p{  
    color:rgb(247, 162, 209)  
}
```

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(247, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 162, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.7867, 50.2183, 66.7055 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(247, 162, 209) }
```


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

```
.border{ border-color:rgb(247, 162, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 162, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 162, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 162, 209);  
box-shadow:4px 4px 4px 4px rgb(247, 162,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7867, 50.2183, 66.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 162, 209) }
```

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

```
.background{ background-color: rgb(247,  
162, 209) }
```

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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