

Converting Colors

XYZ(62.0481, 50.1343, 63.0656)

Have a look what the booklet for
XYZ(62.0481, 50.1343, 63.0656)
contains.

XYZ(61.8827, 50.0990, 62.9084)	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(61.8827, 50.0990,
62.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A3CB
RGB	246, 163, 203
RGB Percent	96%, 64%, 80%
CMY	0.0353, 0.3608, 0.2039
CMYK	0.00, 0.34, 0.17, 0.04
HSL	331°, 82%, 80%
HSV	331°, 34%, 96%
XYZ	61.8827, 50.0990, 62.9084
YIQ	192.3770, 36.6280, 30.0360

Conversions

Conversions Part 2

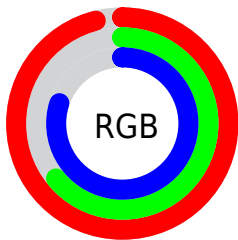
Format	Color
R _Y B	246, 163, 203
Decimal	16163787
CIE Lab	76.13, 36.25, -7.73
CIE LCh	76, 37.062, 347.959
Yxy	50.0990, 0.3538, 0.2865
Android (android.graphics.Color)	4294353867 (0xFFF6A3CB)
YUV	192.3770, 5.2371, 47.0274
Hunter-Lab	70.7806, 32.1944, -3.1493

Details

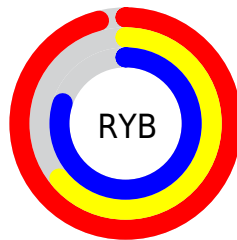
The XYZ color **61.8827, 50.0990, 62.9084** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2027, 78.1556, 70.3614**, and the grayscale version is **50.2798, 52.8983, 57.6062**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **31.7398, 24.0132, 31.3959** is the 20% darker color. If you saturate the color by 10%, you get **56.4754, 41.6155, 53.9179**, and if you desaturate by 10%, it is **68.2674, 60.3361, 72.8419**.

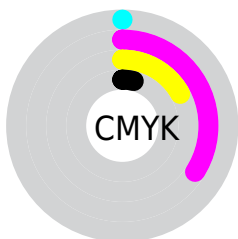
Distribution



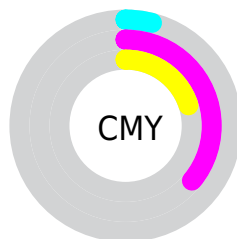
- Red (96%)
- Green (64%)
- Blue (80%)



- Red (96%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8827, 50.0990, 62.9084 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 61.8827, 50.0990, 62.9084 by changing the saturation by 10% instead.


 61.8827, 50.0990,
62.9084


 61.8827, 50.0990,
62.9084


421.2275,
387.0530, 453.3358

 45.1932, 35.4921,
45.3266


 106.6469, 90.3215,
110.6216

 31.8115, 24.0422,
31.3699


 135.4522,
116.7059, 141.5902

 21.3724, 15.3649,
20.6199


169.0269,
147.7849, 177.8580

 13.5105, 9.0759,
12.6579

207.7362,
183.9430, 219.8437

 7.8604, 4.7907,
7.0655

251.9456,
225.5644, 267.9658

 4.0568, 2.1250,
3.4240

302.0204,

 1.7343, 0.6786,

273.0336, 322.6428

1.3150

358.3259,
326.7350, 384.2933

■ 0.4776, 0.0000,
0.0740

■ 0.0000, 0.0000,
0.0000

■ 61.8827, 50.0990,
62.9084

■ 61.8827, 50.0990,
62.9084

■ 56.4754, 41.6155,
53.9179

■ 68.2674, 60.3361,
72.8419

■ 51.9885, 34.7786,
45.8350

■ 75.6733, 72.4119,
83.7456

■ 48.3660, 29.4801,
38.6263

■ 84.1470, 86.4142,
95.6494

■ 45.5431, 25.5961,
32.2544

■ 91.6528, 98.2676,
107.8880

■ 43.4455, 22.9830,
26.6777

■ 91.8163, 98.3330,
108.7487

■ 41.9830, 21.4662,
21.8487

■ 41.3089, 20.9140,
19.1701

Harmonies

Analogous

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



58.2211, 50.0990, 84.3215



61.8827, 50.0990, 62.9084



61.4594, 50.0990, 43.6029

Triad

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



61.8827, 50.0990, 62.9084



43.6239, 50.0990, 25.6927



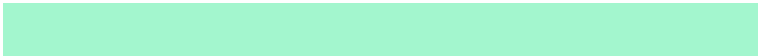
39.2360, 50.0990, 88.1034

Complementary

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



61.8827, 50.0990, 62.9084



59.2027, 78.1556, 70.3614

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.



36.0277, 50.0990, 67.1896



61.8827, 50.0990, 62.9084



38.3867, 50.0990, 32.7672

Square

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



61.8827, 50.0990, 62.9084



50.4533, 50.0990, 25.0800



35.7327, 50.0990, 46.9656



44.8902, 50.0990, 101.0605

Rectangle

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



61.8827, 50.0990, 62.9084



58.9218, 50.0990, 34.2728



35.7327, 50.0990, 46.9656



37.8604, 50.0990, 81.5669

Sweetspot

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



61.8842, 50.1013, 62.9094



85.3931, 83.9738, 95.5457



55.1550, 45.9560, 93.1527



18.0076, 17.5288, 20.0680



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.



61.8842, 50.1013, 62.9094



63.3101, 48.3140, 61.9613



57.9629, 48.9280, 41.0422



16.8318, 16.6156, 18.8608



22.1191, 11.1911, 10.6015



1.9957, 1.0043, 1.2039

Inverse Universe

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



61.8842, 50.1013, 62.9094



63.3101, 48.3140, 61.9613



64.2769, 79.5146, 99.1494



16.8318, 16.6156, 18.8608



22.1191, 11.1911, 10.6015



1.9957, 1.0043, 1.2039

Previews

White Background



This preview shows how the XYZ color 61.8827, 50.0990, 62.9084 looks on a white background.

Color Contrast Check

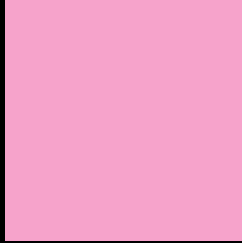
Large Text (above 18pt) WCAG AA × Fail

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 61.8827, 50.0990, 62.9084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

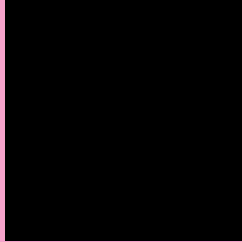
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8827, 50.0990, 62.9084

Background



This preview shows how black text looks on a background with the XYZ color 61.8827, 50.0990, 62.9084.



This preview shows how white text looks on a background with the XYZ color 61.8827, 50.0990,

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

61.8827, 50.0990, 62.9084

Protanopia

49.7166, 50.5477, 73.4660

Deuteranopia

51.3297, 50.4080, 61.0572



Tritanopia

59.0191, 49.9874, 49.7179

Trichromacy



Original Color

61.8827, 50.0990, 62.9084



Protanomaly

53.1075, 49.6240, 69.7301



Deuteranomaly

54.5659, 49.9725, 61.4133



Tritanomaly

60.0215, 50.1364, 54.0908

Monochromacy



Original Color

61.8827, 50.0990, 62.9084



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.6391, 51.0303, 59.2473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8827, 50.0990, 62.9084 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, 163, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 203)  
}
```

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, 163, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 203) }
```

Border

The CSS property to change the border of an element to XYZ 61.8827, 50.0990, 62.9084 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, 163, 203) }
```


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

```
.border{ border-color:rgb(246, 163, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 163, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8827, 50.0990, 62.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 203) }
```

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

```
.background{ background-color: rgb(246,  
163, 203) }
```

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