

Converting Colors

XYZ(61.8684, 48.6128, 82.2374)

Have a look what the booklet for
XYZ(61.8684, 48.6128, 82.2374)
contains.

XYZ(61.8887, 48.6270, 82.4680)	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(61.8887, 48.6270,
82.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9FE8
RGB	237, 159, 232
RGB Percent	93%, 62%, 91%
CMY	0.0706, 0.3764, 0.0902
CMYK	0.00, 0.33, 0.02, 0.07
HSL	304°, 68%, 78%
HSV	304°, 33%, 93%
XYZ	61.8887, 48.6270, 82.4680
YIQ	190.6440, 23.0550, 39.2390

Conversions

Conversions Part 2

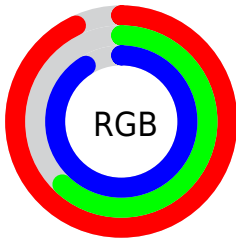
Format	Color
R _Y B	237, 159, 232
Decimal	15572968
CIE Lab	75.22, 40.19, -25.03
CIE LCh	75, 47.348, 328.080
Yxy	48.6270, 0.3207, 0.2520
Android (android.graphics.Color)	4293763048 (0xFFED9FE8)
YUV	190.6440, 20.3885, 40.6542
Hunter-Lab	69.7331, 36.3874, -21.3046

Details

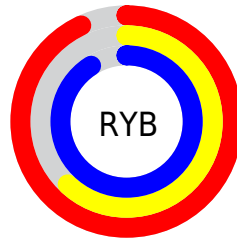
The XYZ color **61.8887, 48.6270, 82.4680** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.2851, 70.6213, 46.0530**, and the grayscale version is **49.1930, 51.7549, 56.3611**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **31.8129, 23.1460, 43.8652** is the 20% darker color. If you saturate the color by 10%, you get **57.9828, 41.1583, 80.1062**, and if you desaturate by 10%, it is **66.5808, 57.6634, 85.1021**.

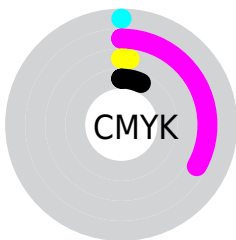
Distribution



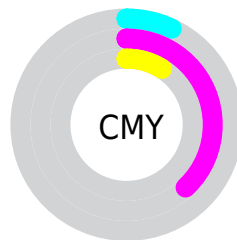
- Red (93%)
- Green (62%)
- Blue (91%)



- Red (93%)
- Yellow (62%)
- Blue (91%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (7%)





- Cyan (7%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8887, 48.6270, 82.4680 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 61.8887, 48.6270, 82.4680 by changing the saturation by 10% instead.


 61.8887, 48.6270,
82.4680


 61.8887, 48.6270,
82.4680


421.2490,
381.2720, 523.1363

 45.1980, 34.3237,
61.2133


 106.6555, 88.1372,
138.6727

 31.8154, 23.1424,
43.9657


 135.4623,
114.1129, 174.4597

 21.3754, 14.6987,
30.3065


169.0386,
144.7482, 215.9280

 13.5127, 8.6082,
19.8173

207.7497,
180.4274, 263.4960

 7.8620, 4.4865,
12.0796

251.9609,
221.5350, 317.5823

 4.0578, 1.9493,
6.6747

302.0376,

 1.7349, 0.5777,

268.4554, 378.6054

3.1842

358.3452,
321.5730, 446.9839

■ 0.4780, 0.0000,
1.1894

■ 0.0000, 0.0000,
0.0000

■ 61.8887, 48.6270,
82.4680

■ 61.8887, 48.6270,
82.4680

■ 57.9828, 41.1583,
80.1062

■ 66.5808, 57.6634,
85.1021

■ 54.8138, 35.1612,
77.9987


■ 72.0958, 68.3434,
88.0193


■ 52.3338, 30.5391,
76.1300


■ 78.4736, 80.7460,
91.2332


■ 50.4874, 27.1815,
74.4817


■ 85.7500, 94.9430,
94.7560


 49.2108, 24.9604,
73.0324


 86.3541, 95.7922,
96.0640


 48.4266, 23.7211,
71.7563

 86.5804, 95.8827,
97.2554

 48.0845, 23.2683,
70.9283

 86.8085, 95.9740,
98.4567

 87.0385, 96.0660,
99.6680

 87.2705, 96.1587,
100.8894

Harmonies

Analogous

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



54.5318, 48.6270, 107.3353



61.8887, 48.6270, 82.4680



64.9952, 48.6270, 54.5647

Triad

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



61.8887, 48.6270, 82.4680



46.7801, 48.6270, 18.0920



32.9966, 48.6270, 78.7957

Complementary

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



61.8887, 48.6270, 82.4680



51.2851, 70.6213, 46.0530

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.



31.4587, 48.6270, 51.3607



61.8887, 48.6270, 82.4680



38.7962, 48.6270, 20.9705

Square

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



61.8887, 48.6270, 82.4680



55.6208, 48.6270, 21.8464



33.4455, 48.6270, 31.4741



37.9404, 48.6270, 104.7898

Rectangle

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



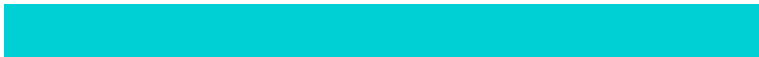
61.8887, 48.6270, 82.4680



63.9774, 48.6270, 39.4493



33.4455, 48.6270, 31.4741



32.0936, 48.6270, 69.2169

Sweetspot

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



61.8902, 48.6292, 82.4690



87.1857, 84.6909, 104.9855



42.7702, 38.6892, 85.3354



18.4428, 17.7028, 22.3597



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.



61.8902, 48.6292, 82.4690



70.0934, 51.7023, 95.6005



57.0739, 46.7026, 57.1064



15.6707, 15.2961, 18.8171



26.2708, 12.7110, 38.8230



2.0755, 1.0032, 3.1151

Inverse Universe

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



61.8902, 48.6292, 82.4690



70.0934, 51.7023, 95.6005



55.2330, 72.2004, 66.8421



15.6707, 15.2961, 18.8171



26.2708, 12.7110, 38.8230



2.0755, 1.0032, 3.1151

Previews

White Background



This preview shows how the XYZ color 61.8887, 48.6270, 82.4680 looks on a white background.

Color Contrast Check

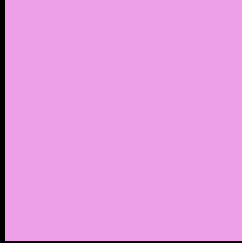
Large Text (above 18pt) WCAG AA × Fail

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 61.8887, 48.6270, 82.4680 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 61.8887, 48.6270, 82.4680

Background



This preview shows how black text looks on a background with the XYZ color 61.8887, 48.6270, 82.4680.



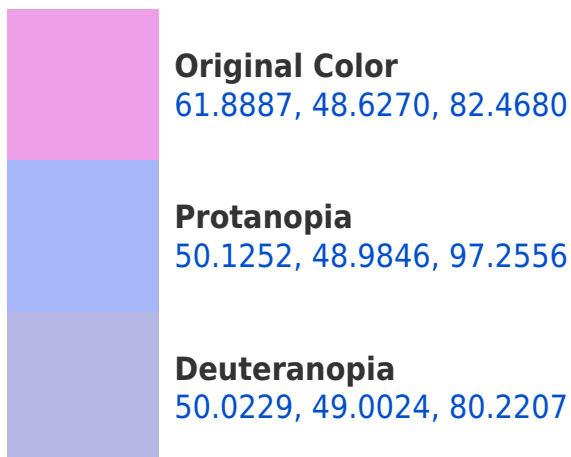
This preview shows how white text looks on a background with the XYZ color 61.8887, 48.6270,

82.4680.

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





Tritanopia

55.2646, 48.5763, 50.7194

Trichromacy



Original Color

61.8887, 48.6270, 82.4680



Protanomaly

53.0519, 47.9496, 91.2531



Deuteranomaly

53.6360, 48.4858, 80.6605



Tritanomaly

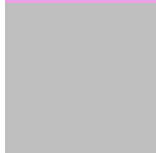
57.4847, 48.4040, 60.9567

Monochromacy



Original Color

61.8887, 48.6270, 82.4680



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.2731, 50.1063, 65.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8887, 48.6270, 82.4680 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(237, 159, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 159, 232)  
}
```

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(237, 159, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 159, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.8887, 48.6270, 82.4680 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(237, 159, 232) }
```


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

```
.border{ border-color:rgb(237, 159, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 159, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 159, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 159, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 159,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8887, 48.6270, 82.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 159, 232) }
```

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

```
.background{ background-color: rgb(237,  
159, 232) }
```

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