

Converting Colors

XYZ(62.7868, 52.5786, 86.1969)

Have a look what the booklet for
XYZ(62.7868, 52.5786, 86.1969)
contains.

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Color

**XYZ(62.8478, 52.5501,
86.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	E7ACEC
RGB	231, 172, 236
RGB Percent	91%, 67%, 93%
CMY	0.0941, 0.3255, 0.0745
CMYK	0.02, 0.27, 0.00, 0.07
HSL	295°, 63%, 80%
HSV	295°, 27%, 93%
XYZ	62.8478, 52.5501, 86.1876
YIQ	196.9370, 14.6200, 32.4120

Conversions

Conversions Part 2

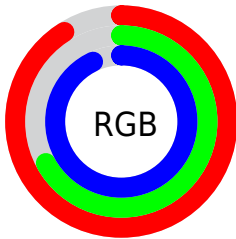
Format	Color
R _Y B	231, 172, 236
Decimal	15183084
CIE Lab	77.61, 32.11, -23.61
CIE LCh	78, 39.861, 323.672
Yxy	52.5501, 0.3118, 0.2607
Android (android.graphics.Color)	4293373164 (0xFFE7ACEC)
YUV	196.9370, 19.2581, 29.8733
Hunter-Lab	72.4914, 27.8938, -19.7479

Details

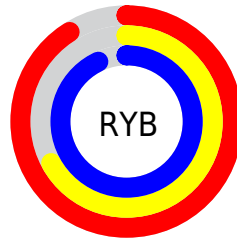
The XYZ color **62.8478, 52.5501, 86.1876** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5752, 72.3179, 50.0620**, and the grayscale version is **52.9156, 55.6714, 60.6261**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **32.5142, 25.6029, 46.4082** is the 20% darker color. If you saturate the color by 10%, you get **58.1575, 44.0473, 84.7944**, and if you desaturate by 10%, it is **68.3452, 62.6558, 87.8492**.

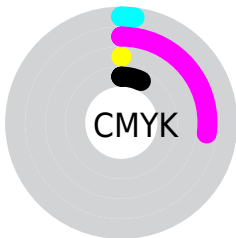
Distribution



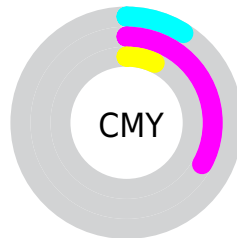
- Red (91%)
- Green (67%)
- Blue (93%)



- Red (91%)
- Yellow (67%)
- Blue (93%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8478, 52.5501, 86.1876 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 62.8478, 52.5501, 86.1876 by changing the saturation by 10% instead.

62.8478, 52.5501,
86.1876

62.8478, 52.5501,
86.1876

424.6854,
396.5566, 535.7963

45.9763, 37.4437,
64.2673

108.0329, 93.9420,
143.9201

32.4316, 25.5512,
46.4197

137.0773,
120.9964, 180.5694

21.8486, 16.4882,
32.2261

170.9099,
152.8021, 222.9655

13.8616, 9.8703,
21.2680

209.8963,
189.7438, 271.5269

8.1056, 5.3130,
13.1269

254.4016,
232.2057, 326.6721

4.2149, 2.4321,
7.3842

304.7913,

1.8244, 0.8423,

280.5722, 388.8198

3.6215

361.4308,
335.2277, 458.3883

■ 0.5323, 0.0000,
1.4201

■ 0.0000, 0.0000,
0.1573

■ 62.8478, 52.5501,
86.1876

■ 62.8478, 52.5501,
86.1876

■ 58.1575, 44.0473,
84.7944

■ 68.3452, 62.6558,
87.8492

■ 54.2271, 37.0561,
83.6521

■ 74.6839, 74.4357,
89.7889

■ 51.0123, 31.4866,
82.7465

■ 81.9021, 87.9652,
92.0199

■ 48.4617, 27.2367,
82.0606

■ 86.2868, 95.8185,
93.3047

46.5176, 24.1903,
81.5751

86.9104, 96.1400,
93.3338

45.1119, 22.2115,
81.2672

87.5403, 96.4647,
93.3633

44.1564, 21.1241,
81.1077

88.1766, 96.7927,
93.3931

43.9237, 20.8945,
81.0756

88.8192, 97.1240,
93.4232

89.4683, 97.4587,
93.4535

Harmonies

Analogous

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



56.1297, 52.5501, 105.4918



62.8478, 52.5501, 86.1876



66.1524, 52.5501, 62.0194

Triad

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



62.8478, 52.5501, 86.1876



51.5968, 52.5501, 24.5782



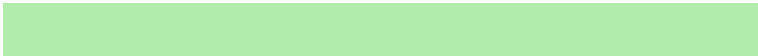
37.5793, 52.5501, 75.9836

Complementary

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



62.8478, 52.5501, 86.1876



55.5752, 72.3179, 50.0620

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.



36.6316, 52.5501, 52.6713



62.8478, 52.5501, 86.1876



44.2364, 52.5501, 26.5105

Square

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



62.8478, 52.5501, 86.1876



59.2402, 52.5501, 29.4081



38.9452, 52.5501, 35.5982



41.6809, 52.5501, 98.6206

Rectangle

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



62.8478, 52.5501, 86.1876



65.7561, 52.5501, 47.7710



38.9452, 52.5501, 35.5982



36.9000, 52.5501, 67.8352

Sweetspot

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



62.8495, 52.5524, 86.1887



88.3000, 87.3669, 106.8173



47.9439, 46.4055, 85.7879



18.6444, 18.2239, 22.7849



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.



62.8495, 52.5524, 86.1887



71.4472, 56.3236, 101.7136



60.8962, 51.9602, 67.3597



15.5920, 15.2504, 19.0441



24.2621, 11.5435, 44.6923



1.9397, 0.9243, 3.5110

Inverse Universe

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



57.2822, 50.5146, 48.3286



63.7527, 53.5204, 48.7872



57.2807, 72.8709, 64.8787



15.1132, 15.0731, 15.8815



19.1480, 9.8619, 1.3149



1.5202, 0.7810, 0.1908

Previews

White Background



This preview shows how the XYZ color 62.8478, 52.5501, 86.1876 looks on a white background.

Color Contrast Check

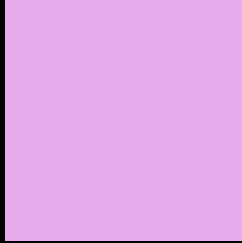
Large Text (above 18pt) WCAG AA × Fail

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 62.8478, 52.5501, 86.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

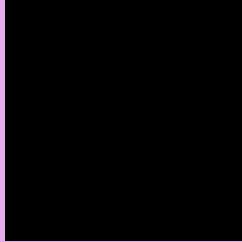
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8478, 52.5501, 86.1876

Background



This preview shows how black text looks on a background with the XYZ color 62.8478, 52.5501, 86.1876.

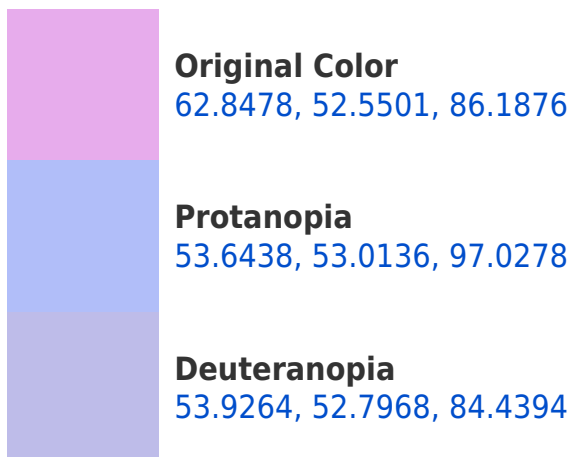


This preview shows how white text looks on a background with the XYZ color 62.8478, 52.5501,

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

57.1102, 52.5451, 58.1711

Trichromacy



Original Color

62.8478, 52.5501, 86.1876



Protanomaly

56.2886, 52.2689, 92.7101



Deuteranomaly

56.7561, 52.3755, 84.9600



Tritanomaly

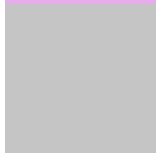
58.9093, 52.3786, 67.3268

Monochromacy



Original Color

62.8478, 52.5501, 86.1876



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.0356, 54.2249, 69.1411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8478, 52.5501, 86.1876 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(231, 172, 236)` looks like.

```
.text, #text, p{  
    color:rgb(231, 172, 236)  
}
```

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(231, 172, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 172, 236) }
```

Border

The CSS property to change the border of an element to XYZ 62.8478, 52.5501, 86.1876 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(231, 172, 236) }
```


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

```
.border{ border-color:rgb(231, 172, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 172, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 172, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 172, 236);  
box-shadow:4px 4px 4px 4px rgb(231, 172,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8478, 52.5501, 86.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 172, 236) }
```

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

```
.background{ background-color: rgb(231,  
172, 236) }
```

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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