

Converting Colors

XYZ(62.9813, 54.6169, 88.1122)

Have a look what the booklet for
XYZ(62.9813, 54.6169, 88.1122)
contains.

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Color

**XYZ(62.9167, 54.5820,
88.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B3EE
RGB	226, 179, 238
RGB Percent	89%, 70%, 93%
CMY	0.1137, 0.2980, 0.0667
CMYK	0.05, 0.25, 0.00, 0.07
HSL	288°, 63%, 82%
HSV	288°, 25%, 93%
XYZ	62.9167, 54.5820, 88.1082
YIQ	199.7790, 9.0730, 28.3130

Conversions

Conversions Part 2

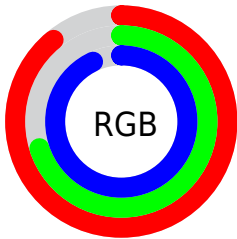
Format	Color
R _{YB}	226, 179, 238
Decimal	14857198
CIE Lab	78.80, 27.14, -22.92
CIE LCh	79, 35.525, 319.811
Yxy	54.5820, 0.3060, 0.2655
Android (android.graphics.Color)	4293047278 (0xFFE2B3EE)
YUV	199.7790, 18.8430, 22.9958
Hunter-Lab	73.8796, 22.7232, -18.9930

Details

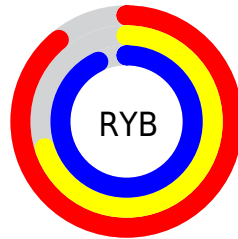
The XYZ color **62.9167, 54.5820, 88.1082** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.1990, 75.4815, 54.0471**, and the grayscale version is **54.6492, 57.4952, 62.6122**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **32.4819, 26.8452, 47.7256** is the 20% darker color. If you saturate the color by 10%, you get **57.0560, 45.0815, 86.5841**, and if you desaturate by 10%, it is **69.6469, 65.7557, 89.9111**.

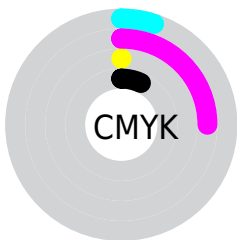
Distribution



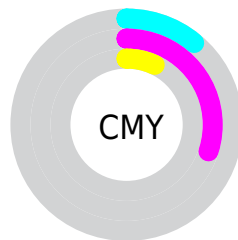
- Red (89%)
- Green (70%)
- Blue (93%)



- Red (89%)
- Yellow (70%)
- Blue (93%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)





- Cyan (11%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9167, 54.5820, 88.1082 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 62.9167, 54.5820, 88.1082 by changing the saturation by 10% instead.


 62.9167, 54.5820,
88.1082

 62.9167, 54.5820,
88.1082


424.9316,
404.3255, 542.2680

 46.0322, 39.0672,
65.8478


 108.1318, 96.9283,
146.6202

 32.4760, 26.8120,
47.6932


137.1932,
124.5284, 183.7090

 21.8826, 17.4321,
33.2257


171.0442,
156.9259, 226.5777

 13.8868, 10.5430,
22.0269

210.0502,
194.5050, 275.6447

 8.1231, 5.7605,
13.6781

254.5766,
237.6501, 331.3287

 4.2263, 2.7000,
7.7610

304.9887,

 1.8310, 0.9772,

286.7456, 394.0483

3.8568

361.6519,
342.1759, 464.2218

■ 0.5362, 0.0000,
1.5471

■ 0.0000, 0.0000,
0.2527

■ 62.9167, 54.5820,
88.1082

■ 62.9167, 54.5820,
88.1082

■ 57.0560, 45.0815,
86.5841

■ 69.6469, 65.7557,
89.9111

■ 52.0171, 37.1624,
85.3212

■ 77.2810, 78.6743,
92.0022

■ 47.7552, 30.7348,
84.3051

■ 85.8578, 93.4136,
94.3952

■ 44.2191, 25.6968,
83.5191

■ 88.9764, 97.1713,
94.9561

■ 41.3512, 21.9336,
82.9439

■ 90.6908, 98.0551,
95.0363

■ 39.0845, 19.3118,
82.5573

■ 92.4328, 98.9531,
95.1178

■ 37.3368, 17.6676,
82.3320

■ 36.5664, 17.0679,
82.2569

Harmonies

Analogous

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



56.6009, 54.5820, 103.8512



62.9167, 54.5820, 88.1082



66.3680, 54.5820, 66.5522

Triad

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



62.9167, 54.5820, 88.1082



54.3090, 54.5820, 28.8676



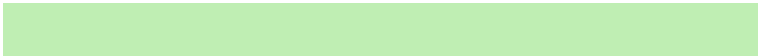
40.1614, 54.5820, 73.5554

Complementary

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



62.9167, 54.5820, 88.1082



60.1990, 75.4815, 54.0471

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.



39.6682, 54.5820, 52.8359



62.9167, 54.5820, 88.1082



47.4265, 54.5820, 29.9197

Square

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



62.9167, 54.5820, 88.1082



61.1091, 54.5820, 34.4708



42.2134, 54.5820, 37.7674



43.6277, 54.5820, 94.2205

Rectangle

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



62.9167, 54.5820, 88.1082



66.3862, 54.5820, 53.0688



42.2134, 54.5820, 37.7674



39.6552, 54.5820, 66.2814

Sweetspot

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



62.9184, 54.5843, 88.1094



88.2945, 88.4532, 107.0273



52.8274, 53.3634, 88.4056



18.7794, 18.7300, 22.8754



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.



62.9184, 54.5843, 88.1094



69.8155, 57.6876, 102.0629



64.4706, 55.6552, 75.9508



16.1210, 15.8596, 19.9332



20.5096, 9.5785, 45.8957



1.7848, 0.8374, 3.8218

Inverse Universe

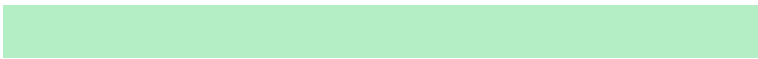
The Inverse Universe completely reimagines the original color for something new.



60.7858, 54.1813, 56.5471



67.0044, 57.1979, 58.5828



59.0984, 74.7068, 63.3630



15.9043, 15.8114, 17.0521



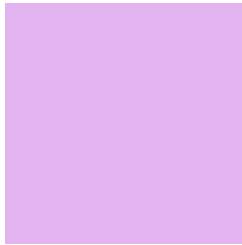
20.0108, 10.2768, 2.7076



1.6993, 0.8688, 0.4073

Previews

White Background



This preview shows how the XYZ color 62.9167, 54.5820, 88.1082 looks on a white background.

Color Contrast Check

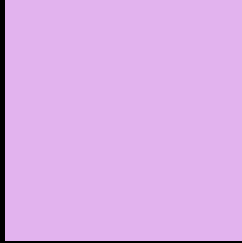
Large Text (above 18pt) WCAG AA × Fail

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 62.9167, 54.5820, 88.1082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

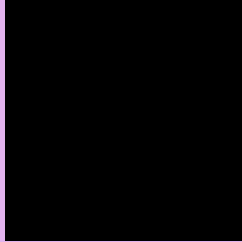
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9167, 54.5820, 88.1082

Background



This preview shows how black text looks on a background with the XYZ color 62.9167, 54.5820, 88.1082.

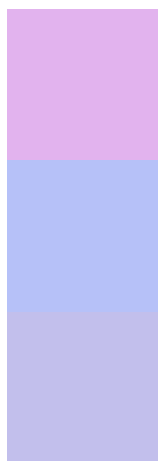


This preview shows how white text looks on a background with the XYZ color 62.9167, 54.5820,

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

62.9167, 54.5820, 88.1082

Protanopia

55.3046, 54.8623, 96.4816

Deuteranopia

56.0193, 54.7871, 86.9793



Tritanopia

57.4994, 54.5036, 62.1333

Trichromacy



Original Color

62.9167, 54.5820, 88.1082

Protanomaly

57.6011, 54.5039, 93.0723

Deuteranomaly

58.5100, 54.7769, 87.6100

Tritanomaly

59.1953, 54.2516, 70.9700

Monochromacy



Original Color

62.9167, 54.5820, 88.1082

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.2817, 56.1096, 71.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9167, 54.5820, 88.1082 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(226, 179, 238)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 238)  
}
```

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(226, 179, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.9167, 54.5820, 88.1082 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(226, 179, 238) }
```


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

```
.border{ border-color:rgb(226, 179, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 179, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 179, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 179, 238);  
box-shadow:4px 4px 4px 4px rgb(226, 179,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9167, 54.5820, 88.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 238) }
```

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

```
.background{ background-color: rgb(226,  
179, 238) }
```

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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