

Converting Colors

XYZ(62.8264, 54.1457, 78.5707)

Have a look what the booklet for
XYZ(62.8264, 54.1457, 78.5707)
contains.

XYZ(62.9170, 54.2042, 78.3805)	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(62.9170, 54.2042,
78.3805)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B1E1
RGB	233, 177, 225
RGB Percent	91%, 69%, 88%
CMY	0.0863, 0.3059, 0.1176
CMYK	0.00, 0.24, 0.03, 0.09
HSL	309°, 56%, 80%
HSV	309°, 24%, 91%
XYZ	62.9170, 54.2042, 78.3805
YIQ	199.2160, 17.9680, 26.8000

Conversions

Conversions Part 2

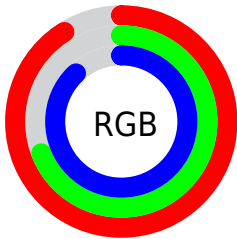
Format	Color
R _Y B	233, 177, 225
Decimal	15315425
CIE Lab	78.58, 28.08, -16.17
CIE LCh	79, 32.409, 330.061
Yxy	54.2042, 0.3218, 0.2773
Android (android.graphics.Color)	4293505505 (0xFFE9B1E1)
YUV	199.2160, 12.7115, 29.6286
Hunter-Lab	73.6235, 23.7010, -11.5844

Details

The XYZ color **62.9170, 54.2042, 78.3805** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.0295, 71.1293, 56.6783**, and the grayscale version is **54.3366, 57.1664, 62.2542**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **32.5948, 26.6647, 41.4591** is the 20% darker color. If you saturate the color by 10%, you get **58.2526, 45.5943, 74.6074**, and if you desaturate by 10%, it is **68.3793, 64.3939, 82.4645**.

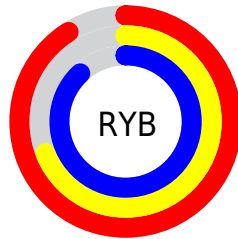
Distribution



Red (91%)

Green (69%)

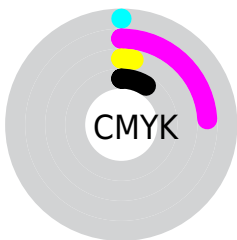
Blue (88%)



Red (91%)

Yellow (69%)

Blue (88%)

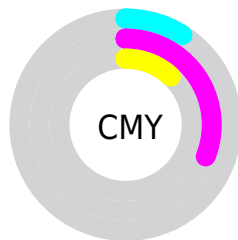


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9170, 54.2042, 78.3805 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 62.9170, 54.2042, 78.3805 by changing the saturation by 10% instead.


 62.9170, 54.2042,
78.3805

 62.9170, 54.2042,
78.3805


424.9327,
402.8882, 509.0202

 46.0325, 38.7649,
57.8683


 108.1322, 96.3740,
132.8771

 32.4762, 26.5769,
41.2888


137.1937,
123.8733, 167.6986

 21.8828, 17.2557,
28.2234


171.0447,
156.1615, 208.1269

 13.8869, 10.4170,
18.2536

210.0509,
193.6228, 254.5807

 8.1232, 5.6763,
10.9609

254.5773,
236.6418, 307.4783

 4.2264, 2.6493,
5.9267

304.9896,

 1.8310, 0.9515,

285.6027, 367.2384

2.7325

361.6529,
340.8901, 434.2795

■ 0.5362, 0.0000,
0.9597

■ 0.0000, 0.0000,
0.0000

■ 62.9170, 54.2042,
78.3805

■ 62.9170, 54.2042,
78.3805

■ 58.2526, 45.5943,
74.6074

■ 68.3793, 64.3939,
82.4645

■ 54.3412, 38.4771,
71.1281

■ 74.6715, 76.2303,
86.8684

■ 51.1409, 32.7682,
67.9291

■ 81.8303, 89.7853,
91.6054

■ 48.6039, 28.3719,
64.9941

■ 84.8439, 95.0355,
95.0050

46.6762, 25.1803,
62.3049

85.3385, 95.2334,
97.6097

45.2954, 23.0689,
59.8405

85.8422, 95.4349,
100.2622

44.3854, 21.8854,
57.5751

86.3551, 95.6400,
102.9629

43.9964, 21.4805,
56.2946

86.8771, 95.8488,
105.7121

87.4084, 96.0613,
108.5098

Harmonies

Analogous

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



57.9225, 54.2042, 95.0135



62.9170, 54.2042, 78.3805



64.8089, 54.2042, 58.9817

Triad

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



62.9170, 54.2042, 78.3805



51.5064, 54.2042, 30.3607



41.6002, 54.2042, 78.4589

Complementary

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



62.9170, 54.2042, 78.3805



56.0295, 71.1293, 56.6783

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.



40.1835, 54.2042, 59.0566



62.9170, 54.2042, 78.3805



45.6066, 54.2042, 33.5020

Square

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



62.9170, 54.2042, 78.3805



57.8981, 54.2042, 33.4763



41.5889, 54.2042, 43.1416



45.6275, 54.2042, 95.0650

Rectangle

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



62.9170, 54.2042, 78.3805



63.9441, 54.2042, 47.7530



41.5889, 54.2042, 43.1416



40.8185, 54.2042, 71.9311

Sweetspot

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



62.9186, 54.2066, 78.3817



89.2097, 88.9721, 104.9411



50.3117, 47.5784, 83.6235



18.9920, 18.8506, 22.3907



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.



62.9186, 54.2066, 78.3817



74.1693, 60.8862, 93.7775



59.4676, 52.8262, 60.2088



15.6169, 15.2746, 18.5338



24.9996, 12.2025, 32.1288



1.9884, 0.9683, 2.6565

Inverse Universe

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



62.9186, 54.2066, 78.3817



74.1693, 60.8862, 93.7775



59.2150, 72.4035, 73.4526



15.6169, 15.2746, 18.5338



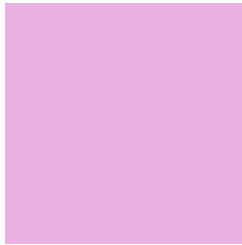
24.9996, 12.2025, 32.1288



1.9884, 0.9683, 2.6565

Previews

White Background



This preview shows how the XYZ color 62.9170, 54.2042, 78.3805 looks on a white background.

Color Contrast Check

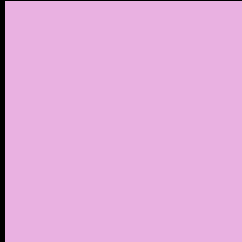
Large Text (above 18pt) WCAG AA × Fail

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 62.9170, 54.2042, 78.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

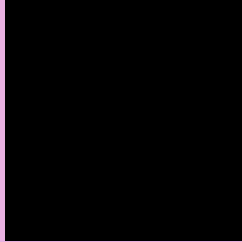
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9170, 54.2042, 78.3805

Background



This preview shows how black text looks on a background with the XYZ color 62.9170, 54.2042, 78.3805.



This preview shows how white text looks on a background with the XYZ color 62.9170, 54.2042,

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

62.9170, 54.2042, 78.3805

Protanopia

54.2179, 54.5103, 87.0208

Deuteranopia

55.5522, 54.4340, 77.3909



Tritanopia

59.0049, 54.0994, 59.5569

Trichromacy



Original Color

62.9170, 54.2042, 78.3805



Protanomaly

56.6929, 53.9234, 83.7641



Deuteranomaly

57.9549, 54.0768, 77.9043



Tritanomaly

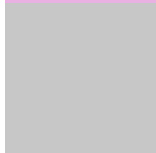
60.2169, 53.9705, 66.2751

Monochromacy



Original Color

62.9170, 54.2042, 78.3805



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.8799, 55.6646, 67.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9170, 54.2042, 78.3805 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(233, 177, 225)` looks like.

```
.text, #text, p{  
    color:rgb(233, 177, 225)  
}
```

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(233, 177, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 177, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.9170, 54.2042, 78.3805 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(233, 177, 225) }
```


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

```
.border{ border-color:rgb(233, 177, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 177, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 177, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 177, 225);  
box-shadow:4px 4px 4px 4px rgb(233, 177,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9170, 54.2042, 78.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 177, 225) }
```

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

```
.background{ background-color: rgb(233,  
177, 225) }
```

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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