

Converting Colors

XYZ(62.1207, 54.1137, 78.3347)

Have a look what the booklet for
XYZ(62.1207, 54.1137, 78.3347)
contains.

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Color

**XYZ(62.1441, 54.1000,
78.4012)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B2E1
RGB	230, 178, 225
RGB Percent	90%, 70%, 88%
CMY	0.0980, 0.3019, 0.1176
CMYK	0.00, 0.23, 0.02, 0.10
HSL	306°, 51%, 80%
HSV	306°, 23%, 90%
XYZ	62.1441, 54.1000, 78.4012
YIQ	198.9060, 15.9050, 25.6410

Conversions

Conversions Part 2

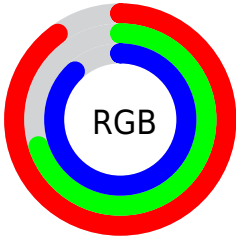
Format	Color
R _{YB}	230, 178, 225
Decimal	15119073
CIE _{Lab}	78.52, 26.55, -16.29
CIE _{LCh}	79, 31.155, 328.464
Yxy	54.1000, 0.3193, 0.2779
Android (android.graphics.Color)	4293309153 (0xFFE6B2E1)
YUV	198.9060, 12.8643, 27.2694
Hunter-Lab	73.5527, 22.0960, -11.7114

Details

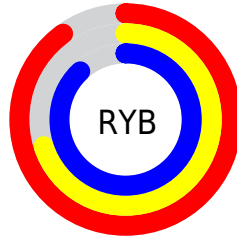
The XYZ color **62.1441, 54.1000, 78.4012** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.2063, 69.4791, 55.3038**, and the grayscale version is **54.1470, 56.9669, 62.0370**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **32.0449, 26.5682, 41.4694** is the 20% darker color. If you saturate the color by 10%, you get **57.6466, 45.5839, 75.4235**, and if you desaturate by 10%, it is **67.4160, 64.1568, 81.6575**.

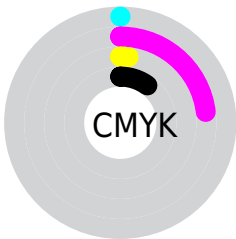
Distribution



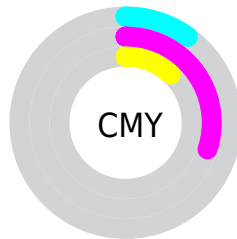
- Red (90%)
- Green (70%)
- Blue (88%)



- Red (90%)
- Yellow (70%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1441, 54.1000, 78.4012 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 62.1441, 54.1000, 78.4012 by changing the saturation by 10% instead.


 62.1441, 54.1000,
78.4012

 62.1441, 54.1000,
78.4012

422.1657,
402.4912, 509.0923

 45.4052, 38.6816,
57.8852


 107.0225, 96.2211,
132.9065

 31.9793, 26.5121,
41.3023


135.8928,
123.6925, 167.7330

 21.5012, 17.2072,
28.2339


169.5375,
155.9505, 208.1666

 13.6054, 10.3823,
18.2615

208.3220,
193.3793, 254.6261

 7.9266, 5.6532,
10.9665

252.6118,
236.3634, 307.5298

 4.0994, 2.6354,
5.9304

302.7721,

 1.7585, 0.9445,

285.2871, 367.2964

2.7347

359.1683,
340.5350, 434.3444

■ 0.4925, 0.0000,
0.9608

■ 0.0000, 0.0000,
0.0000

■ 62.1441, 54.1000,
78.4012

■ 62.1441, 54.1000,
78.4012

■ 57.6466, 45.5839,
75.4235

■ 67.4160, 64.1568,
81.6575

■ 53.8804, 38.5250,
72.7082

■ 73.4929, 75.8184,
85.2010

■ 50.8055, 32.8426,
70.2424

■ 80.4099, 89.1537,
89.0438

■ 48.3763, 28.4454,
68.0110

■ 83.2230, 94.2750,
91.5383

46.5415, 25.2308,
65.9967

83.5426, 94.4028,
93.2211

45.2422, 23.0810,
64.1798

83.8661, 94.5323,
94.9248

44.4070, 21.8534,
62.5365

84.1937, 94.6633,
96.6496

44.0044, 21.3715,
61.4052

84.5252, 94.7959,
98.3955

84.8608, 94.9301,
100.1627

Harmonies

Analogous

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



57.2501, 54.1000, 93.8764



62.1441, 54.1000, 78.4012



64.1368, 54.1000, 59.8157

Triad

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



62.1441, 54.1000, 78.4012



51.7372, 54.1000, 31.1770



41.7317, 54.1000, 76.5191

Complementary

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



62.1441, 54.1000, 78.4012



55.2063, 69.4791, 55.3038

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.



40.5068, 54.1000, 58.0050



62.1441, 54.1000, 78.4012



46.0006, 54.1000, 33.9178

Square

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



62.1441, 54.1000, 78.4012



57.8403, 54.1000, 34.5483



42.0073, 54.1000, 42.9438



45.4941, 54.1000, 92.6466

Rectangle

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



62.1441, 54.1000, 78.4012



63.4406, 54.1000, 48.8407



42.0073, 54.1000, 42.9438



41.0234, 54.1000, 70.2664

Sweetspot

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



62.1457, 54.1024, 78.4024



89.3425, 89.0252, 105.6402



49.5759, 47.5424, 81.4275



19.0228, 18.8629, 22.5530



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.



62.1457, 54.1024, 78.4024



75.8327, 63.2419, 97.3257



58.9418, 52.8208, 61.5306



14.9322, 14.5901, 17.8435



24.9376, 12.1093, 34.8961



1.8603, 0.9018, 2.6707

Inverse Universe

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



62.1457, 54.1024, 78.4024



75.8327, 63.2419, 97.3257



58.0851, 70.6306, 70.4633



14.9322, 14.5901, 17.8435



24.9376, 12.1093, 34.8961



1.8603, 0.9018, 2.6707

Previews

White Background



This preview shows how the XYZ color 62.1441, 54.1000, 78.4012 looks on a white background.

Color Contrast Check

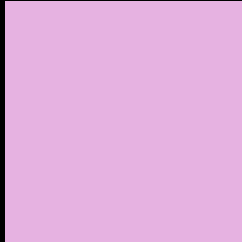
Large Text (above 18pt) WCAG AA × Fail

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 62.1441, 54.1000, 78.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

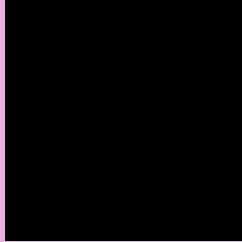
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1441, 54.1000, 78.4012

Background



This preview shows how black text looks on a background with the XYZ color 62.1441, 54.1000, 78.4012.



This preview shows how white text looks on a background with the XYZ color 62.1441, 54.1000,

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

62.1441, 54.1000, 78.4012

Protanopia

54.0729, 54.4524, 86.2577

Deuteranopia

55.5522, 54.4340, 77.3909



Tritanopia

58.3756, 54.0669, 60.1826

Trichromacy



Original Color

62.1441, 54.1000, 78.4012



Protanomaly

56.4944, 54.1535, 83.0764



Deuteranomaly

57.8774, 54.3485, 77.9609



Tritanomaly

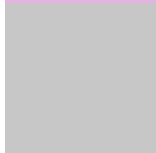
59.4649, 53.8836, 66.2979

Monochromacy



Original Color

62.1441, 54.1000, 78.4012



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.5943, 55.5173, 67.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1441, 54.1000, 78.4012 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(230, 178, 225)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 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(230, 178, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.1441, 54.1000, 78.4012 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(230, 178, 225) }
```


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

```
.border{ border-color:rgb(230, 178, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1441, 54.1000, 78.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 225) }
```

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

```
.background{ background-color: rgb(230,  
178, 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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