

Converting Colors

XYZ(62.1733, 53.9413, 87.4879)

Have a look what the booklet for
XYZ(62.1733, 53.9413, 87.4879)
contains.

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Color

**XYZ(62.2578, 53.9628,
87.2553)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E1B2ED |
| RGB | 225, 178, 237 |
| RGB Percent | 88%, 70%, 93% |
| CMY | 0.1176, 0.3019, 0.0706 |
| CMYK | 0.05, 0.25, 0.00, 0.07 |
| HSL | 288°, 62%, 81% |
| HSV | 288°, 25%, 93% |
| XYZ | 62.2578, 53.9628, 87.2553 |
| YIQ | 198.7790, 9.0730, 28.3130 |

Conversions

Conversions Part 2

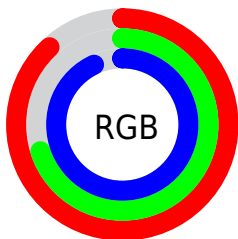
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 178, 237 |
| Decimal | 14791405 |
| CIE Lab | 78.44, 27.16, -22.94 |
| CIE LCh | 78, 35.555, 319.816 |
| Yxy | 53.9628, 0.3060, 0.2652 |
| Android (android.graphics.Color) | 4292981485 (0xFFE1B2ED) |
| YUV | 198.7790, 18.8430, 22.9958 |
| Hunter-Lab | 73.4594, 22.7272, -19.0033 |

Details

The XYZ color **62.2578, 53.9628, 87.2553** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.5572, 74.7313, 53.4077**, and the grayscale version is **54.0372, 56.8513, 61.9111**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **32.0363, 26.4384, 47.1307** is the 20% darker color. If you saturate the color by 10%, you get **56.4623, 44.5704, 85.7487**, and if you desaturate by 10%, it is **68.9137, 65.0109, 89.0378**.

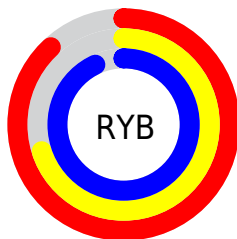
Distribution



Red (88%)

Green (70%)

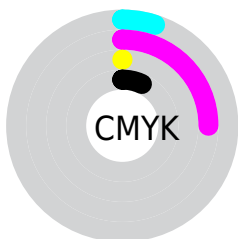
Blue (93%)



Red (88%)

Yellow (70%)

Blue (93%)

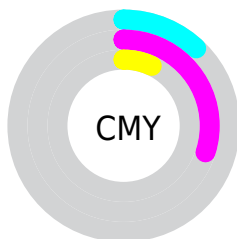


Cyan (5%)

Magenta (25%)

Yellow (0%)

Black (7%)



Cyan (12%)


Magenta (30%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2578, 53.9628, 87.2553 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 62.2578, 53.9628, 87.2553 by changing the saturation by 10% instead.


 62.2578, 53.9628,
87.2553

 62.2578, 53.9628,
87.2553


422.5734,
401.9681, 539.3994

 45.4974, 38.5719,
65.1457


 107.1859, 96.0196,
145.4219

 32.0524, 26.4269,
47.1271


136.0843,
123.4544, 182.3160

 21.5572, 17.1433,
32.7811


169.7594,
155.6725, 224.9754

 13.6467, 10.3367,
21.6891

208.5766,
193.0584, 273.8184

 7.9554, 5.6228,
13.4325

252.9013,
235.9966, 329.2639

 4.1180, 2.6171,
7.5928

303.0987,

 1.7691, 0.9353,

284.8713, 391.7301

3.7515

359.5343,
340.0670, 461.6358

■ 0.4989, 0.0000,
1.4900

■ 0.0000, 0.0000,
0.2105

■ 62.2578, 53.9628,
87.2553

■ 62.2578, 53.9628,
87.2553

■ 56.4623, 44.5704,
85.7487

■ 68.9137, 65.0109,
89.0378

■ 51.4800, 36.7429,
84.5004

■ 76.4642, 77.7857,
91.1056

■ 47.2665, 30.3911,
83.4964

■ 84.9476, 92.3624,
93.4721

■ 43.7711, 25.4141,
82.7200

■ 88.4529, 96.9183,
94.1667

40.9366, 21.6981,
82.1521

90.1502, 97.7933,
94.2462

38.6967, 19.1108,
81.7708

91.8916, 98.6910,
94.3277

36.9699, 17.4899,
81.5490

92.2862, 98.8945,
94.3461

36.2221, 16.9073,
81.4759

Harmonies

Analogous

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



55.9822, 53.9628, 102.9151



62.2578, 53.9628, 87.2553



65.6875, 53.9628, 65.8280

Triad

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



62.2578, 53.9628, 87.2553



53.7032, 53.9628, 28.4315



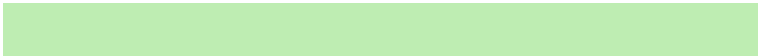
39.6568, 53.9628, 72.7938

Complementary

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



62.2578, 53.9628, 87.2553



59.5572, 74.7313, 53.4077

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.



39.1668, 53.9628, 52.2101



62.2578, 53.9628, 87.2553



46.8677, 53.9628, 29.4750

Square

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



62.2578, 53.9628, 87.2553



60.4598, 53.9628, 33.9838



41.6925, 53.9628, 37.2557



43.0977, 53.9628, 93.3395

Rectangle

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



62.2578, 53.9628, 87.2553



65.7052, 53.9628, 52.4358



41.6925, 53.9628, 37.2557



39.1543, 53.9628, 65.5653

Sweetspot

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



62.2595, 53.9651, 87.2565



88.2945, 88.4532, 107.0273



52.2320, 52.7491, 87.5503



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.



62.2595, 53.9651, 87.2565



69.8156, 57.6876, 102.0629



63.8029, 55.0300, 75.1677



15.3973, 15.1501, 19.0350



19.8867, 9.2879, 44.4876



1.6373, 0.7684, 3.4969

Inverse Universe

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



60.1416, 53.5654, 55.8871



67.0044, 57.1978, 58.5828



58.4645, 73.9621, 62.6590



15.1907, 15.1042, 16.2898



19.3990, 9.9623, 2.6363



1.5571, 0.7958, 0.3849

Previews

White Background



This preview shows how the XYZ color 62.2578, 53.9628, 87.2553 looks on a white background.

Color Contrast Check

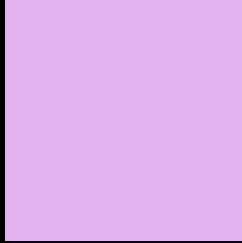
Large Text (above 18pt) WCAG AA × Fail

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 62.2578, 53.9628, 87.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

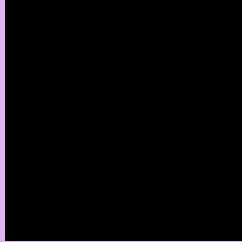
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2578, 53.9628, 87.2553

Background



This preview shows how black text looks on a background with the XYZ color 62.2578, 53.9628, 87.2553.



This preview shows how white text looks on a background with the XYZ color 62.2578, 53.9628,

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

62.2578, 53.9628, 87.2553

Protanopia

54.4605, 54.1180, 95.5711

Deuteranopia

55.4012, 54.1625, 86.1317



Tritanopia

56.8712, 53.8815, 61.4356

Trichromacy



Original Color

62.2578, 53.9628, 87.2553

Protanomaly

56.7129, 53.7475, 92.1792

Deuteranomaly

57.8761, 54.1531, 86.7591

Tritanomaly

58.5570, 53.6321, 70.2165

Monochromacy



Original Color

62.2578, 53.9628, 87.2553

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.6535, 55.4756, 70.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2578, 53.9628, 87.2553 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(225, 178, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 178, 237)  
}
```

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(225, 178, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 178, 237) }
```

Border

The CSS property to change the border of an element to XYZ 62.2578, 53.9628, 87.2553 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(225, 178, 237) }
```


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

```
.border{ border-color:rgb(225, 178, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 178, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 178, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 178, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 178,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2578, 53.9628, 87.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 178, 237) }
```

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

```
.background{ background-color: rgb(225,  
178, 237) }
```

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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