

Converting Colors

XYZ(62.1211, 53.5271, 83.0681)

Have a look what the booklet for
XYZ(62.1211, 53.5271, 83.0681)
contains.

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Color

**XYZ(62.0857, 53.3708,
83.3733)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B0E8
RGB	228, 176, 232
RGB Percent	89%, 69%, 91%
CMY	0.1059, 0.3098, 0.0902
CMYK	0.02, 0.24, 0.00, 0.09
HSL	296°, 55%, 80%
HSV	296°, 24%, 91%
XYZ	62.0857, 53.3708, 83.3733
YIQ	197.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

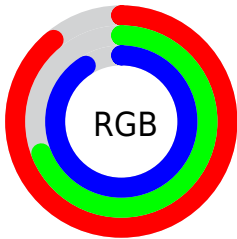
Format	Color
R _Y B	228, 176, 232
Decimal	14987496
CIE Lab	78.09, 28.26, -20.74
CIE LCh	78, 35.052, 323.718
Yxy	53.3708, 0.3123, 0.2684
Android (android.graphics.Color)	4293177576 (0xFFE4B0E8)
YUV	197.9320, 16.7955, 26.3696
Hunter-Lab	73.0553, 23.8505, -16.5251

Details

The XYZ color **62.0857, 53.3708, 83.3733** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5174, 70.5525, 51.7688**, and the grayscale version is **53.5323, 56.3201, 61.3326**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **31.9327, 26.0712, 44.4235** is the 20% darker color. If you saturate the color by 10%, you get **57.3971, 44.7694, 81.9610**, and if you desaturate by 10%, it is **67.5600, 63.5341, 85.0473**.

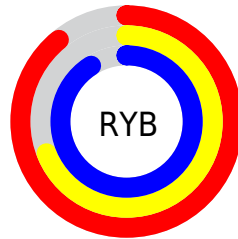
Distribution



Red (89%)

Green (69%)

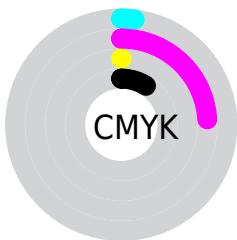
Blue (91%)



Red (89%)

Yellow (69%)

Blue (91%)

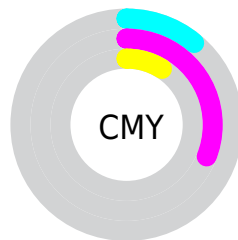


Cyan (2%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0857, 53.3708, 83.3733 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 62.0857, 53.3708, 83.3733 by changing the saturation by 10% instead.

62.0857, 53.3708,
83.3733

62.0857, 53.3708,
83.3733

421.9562,
399.7061, 526.2333

45.3578, 38.0989,
61.9558

106.9386, 95.1498,
139.9521

31.9418, 26.0594,
44.5614

135.7944,
122.4256, 175.9504

21.4724, 16.8681,
30.7717

169.4234,
154.4715, 217.6461

13.5842, 10.1405,
20.1680

208.1912,
191.6719, 265.4576

7.9118, 5.4922,
12.3320

252.4630,
234.4111, 319.8036

4.0899, 2.5389,
6.8449

302.6042,

1.7531, 0.8960,

283.0737, 381.1025

3.2883

358.9801,
338.0439, 449.7729

■ 0.4892, 0.0000,
1.2437

■ 0.0000, 0.0000,
0.0149

■ 62.0857, 53.3708,
83.3733

■ 62.0857, 53.3708,
83.3733

■ 57.3971, 44.7694,
81.9610

■ 67.5600, 63.5341,
85.0473

■ 53.4498, 37.6439,
80.7937

■ 73.8517, 75.3258,
86.9917

■ 50.2022, 31.9107,
79.8582

■ 80.9969, 88.8170,
89.2192

■ 47.6071, 27.4749,
79.1388

■ 84.4645, 94.9455,
90.2193

45.6111, 24.2298,
78.6176

85.0131, 95.2283,
90.2450

44.1522, 22.0518,
78.2741

85.5668, 95.5137,
90.2709

43.1552, 20.7900,
78.0831

86.1256, 95.8018,
90.2971

42.7165, 20.3385,
78.0191

86.6895, 96.0925,
90.3235

87.2586, 96.3859,
90.3501

Harmonies

Analogous

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



56.2039, 53.3708, 99.8697



62.0857, 53.3708, 83.3733



64.9562, 53.3708, 62.3313

Triad

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



62.0857, 53.3708, 83.3733



52.1801, 53.3708, 28.1356



39.6134, 53.3708, 74.6184

Complementary

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



62.0857, 53.3708, 83.3733



55.5174, 70.5525, 51.7688

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.



38.7447, 53.3708, 54.0870



62.0857, 53.3708, 83.3733



45.6186, 53.3708, 29.9976

Square

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



62.0857, 53.3708, 83.3733



58.9153, 53.3708, 32.7286



40.8463, 53.3708, 38.5501



43.3355, 53.3708, 94.0724

Rectangle

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



62.0857, 53.3708, 83.3733



64.6075, 53.3708, 49.6287



40.8463, 53.3708, 38.5501



38.9928, 53.3708, 67.5103

Sweetspot

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



62.0874, 53.3731, 83.3744



89.1501, 88.8943, 107.0673



48.9284, 47.9712, 83.0253



18.9781, 18.8325, 22.8847



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.



62.0874, 53.3731, 83.3744



73.9074, 60.5600, 102.4017



60.2731, 52.7957, 67.1211



14.8882, 14.5601, 18.1700



23.7598, 11.3145, 43.3148



1.7864, 0.8519, 3.2022

Inverse Universe

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



57.0441, 51.5041, 50.1172



66.6723, 57.8874, 54.2990



57.1105, 71.0837, 64.9485



14.4185, 14.3846, 15.1385



18.5461, 9.5527, 1.2387



1.3852, 0.7118, 0.1690

Previews

White Background



This preview shows how the XYZ color 62.0857, 53.3708, 83.3733 looks on a white background.

Color Contrast Check

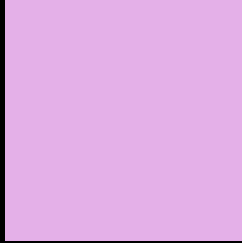
Large Text (above 18pt) WCAG AA × Fail

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 62.0857, 53.3708, 83.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

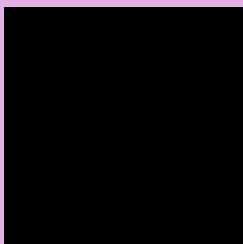
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0857, 53.3708, 83.3733

Background



This preview shows how black text looks on a background with the XYZ color 62.0857, 53.3708, 83.3733.



This preview shows how white text looks on a background with the XYZ color 62.0857, 53.3708,

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

62.0857, 53.3708, 83.3733

Protanopia

53.8645, 53.5564, 92.2925

Deuteranopia

54.7287, 53.5777, 82.3199



Tritanopia

57.2374, 53.1751, 60.0704

Trichromacy



Original Color

62.0857, 53.3708, 83.3733

Protanomaly

56.4276, 53.3556, 88.9860

Deuteranomaly

57.0179, 53.1723, 82.8594

Tritanomaly

59.0055, 53.3032, 68.1514

Monochromacy



Original Color

62.0857, 53.3708, 83.3733

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.3408, 55.0354, 68.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0857, 53.3708, 83.3733 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(228, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(228, 176, 232)  
}
```

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(228, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 176, 232) }
```

Border

The CSS property to change the border of an element to XYZ 62.0857, 53.3708, 83.3733 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(228, 176, 232) }
```


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

```
.border{ border-color:rgb(228, 176, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 176, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 176,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0857, 53.3708, 83.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 176, 232) }
```

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

```
.background{ background-color: rgb(228,  
176, 232) }
```

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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