

Converting Colors

XYZ(62.9190, 61.1434, 84.8310)

Have a look what the booklet for
XYZ(62.9190, 61.1434, 84.8310)
contains.

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Color

**XYZ(63.0132, 61.1201,
84.8201)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C7E8
RGB	215, 199, 232
RGB Percent	84%, 78%, 91%
CMY	0.1569, 0.2196, 0.0902
CMYK	0.07, 0.14, 0.00, 0.09
HSL	269°, 42%, 85%
HSV	269°, 14%, 91%
XYZ	63.0132, 61.1201, 84.8201
YIQ	207.5460, -1.0570, 13.6550

Conversions

Conversions Part 2

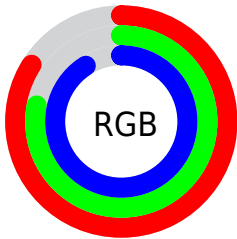
Format	Color
R _Y B	215, 199, 232
Decimal	14141416
CIE Lab	82.44, 11.66, -14.29
CIE LCh	82, 18.445, 309.195
Yxy	61.1201, 0.3016, 0.2925
Android (android.graphics.Color)	4292331496 (0xFFD7C7E8)
YUV	207.5460, 12.0558, 6.5372
Hunter-Lab	78.1793, 7.0586, -9.6007

Details

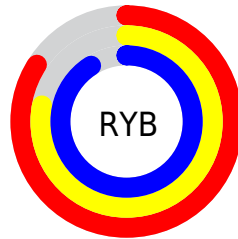
The XYZ color **63.0132, 61.1201, 84.8201** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.4865, 76.4373, 65.2328**, and the grayscale version is **59.5870, 62.6902, 68.2696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4591, 30.8590, 45.3199** is the 20% darker color. If you saturate the color by 10%, you get **54.6947, 49.5038, 83.0173**, and if you desaturate by 10%, it is **72.4056, 74.5012, 86.9088**.

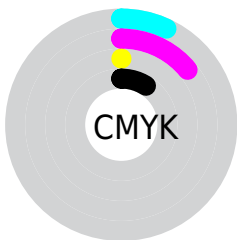
Distribution



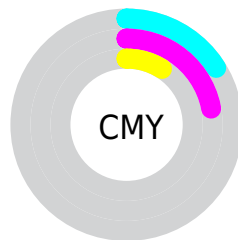
- Red (84%)
- Green (78%)
- Blue (91%)



- Red (84%)
- Yellow (78%)
- Blue (91%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0132, 61.1201, 84.8201 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 63.0132, 61.1201, 84.8201 by changing the saturation by 10% instead.

■ 63.0132, 61.1201,
84.8201

■ 63.0132, 61.1201,
84.8201

425.2763,
428.7142, 531.1617

■ 46.1106, 44.3221,
63.1435

108.2703,
106.4528, 141.9937

■ 32.5381, 30.9238,
45.5155

137.3554,
135.7563, 178.3278

■ 21.9304, 20.5408,
31.5178

171.2321,
169.9971, 220.3847

■ 13.9221, 12.7888,
20.7317

210.2657,
209.5596, 268.5831

■ 8.1478, 7.2833,
12.7387

254.8216,
254.8281, 323.3414

■ 4.2423, 3.6399,
7.1202

305.2651,

■ 1.8401, 1.4742,

306.1872, 385.0783

3.4578

361.9615,
364.0211, 454.2122

■ 0.5416, 0.2705,
1.3329

■ 0.0000, 0.0000,
0.0885

■ 63.0132, 61.1201,
84.8201

■ 63.0132, 61.1201,
84.8201

■ 54.6947, 49.5038,
83.0173

■ 72.4056, 74.5012,
86.9088

■ 47.4024, 39.5684,
81.4839

■ 82.9059, 89.7110,
89.2912

■ 41.0930, 31.2344,
80.2078

■ 90.0587, 97.8294,
90.4812

■ 35.7176, 24.4129,
79.1745

■ 91.5657, 98.6063,
90.5517

■ 31.2227, 19.0057,
78.3677

■ 27.5486, 14.9027,
77.7694

■ 24.6268, 11.9769,
77.3586

■ 22.3750, 10.0735,
77.1099

■ 21.3084, 9.3023,
77.0173

Harmonies

Analogous

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



59.3119, 61.1201, 90.3470



63.0132, 61.1201, 84.8201



65.4663, 61.1201, 74.5570

Triad

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



63.0132, 61.1201, 84.8201



60.8254, 61.1201, 48.2582



50.9307, 61.1201, 70.0771

Complementary

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



63.0132, 61.1201, 84.8201



67.4865, 76.4373, 65.2328

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.



51.2949, 61.1201, 59.1367



63.0132, 61.1201, 84.8201



56.8906, 61.1201, 47.3471

Square

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



63.0132, 61.1201, 84.8201



64.1641, 61.1201, 53.7580



53.4355, 61.1201, 51.1110



52.4172, 61.1201, 81.2241

Rectangle

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



63.0132, 61.1201, 84.8201



66.0019, 61.1201, 66.8546



53.4355, 61.1201, 51.1110



50.8422, 61.1201, 66.2451

Sweetspot

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



63.0150, 61.1227, 84.8214



89.9750, 92.6808, 107.7547



62.6896, 67.1079, 85.9939



19.0594, 19.5517, 23.0193



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.



63.0150, 61.1227, 84.8214



75.0015, 71.3997, 104.4363



68.0911, 63.7395, 85.0590



14.2446, 14.2283, 18.1399



11.9737, 5.2385, 42.7632



0.9917, 0.4422, 3.1651

Inverse Universe

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



66.0989, 62.9632, 73.6381



79.5450, 74.1117, 87.9421



62.8670, 74.0558, 65.0166



14.6854, 14.4914, 16.5439



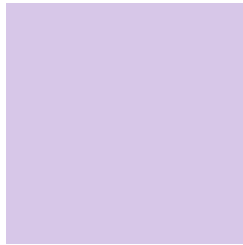
20.4052, 10.2963, 11.0285



1.5548, 0.7796, 1.0620

Previews

White Background



This preview shows how the XYZ color 63.0132, 61.1201, 84.8201 looks on a white background.

Color Contrast Check

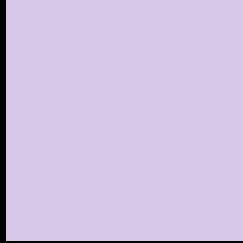
Large Text (above 18pt) WCAG AA × Fail

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 63.0132, 61.1201, 84.8201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

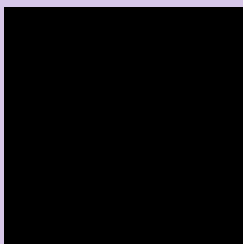
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0132, 61.1201, 84.8201

Background



This preview shows how black text looks on a background with the XYZ color 63.0132, 61.1201, 84.8201.



This preview shows how white text looks on a background with the XYZ color 63.0132, 61.1201,

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

63.0132, 61.1201, 84.8201

Protanopia

60.4077, 61.4632, 87.2770

Deuteranopia

62.6603, 61.2809, 84.8698



Tritanopia

60.8516, 60.9292, 74.1989

Trichromacy



Original Color

63.0132, 61.1201, 84.8201

Protanomaly

61.1486, 61.1607, 86.4242

Deuteranomaly

62.9513, 61.4309, 84.8834

Tritanomaly

61.5706, 60.8786, 77.6129

Monochromacy



Original Color

63.0132, 61.1201, 84.8201

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.2197, 62.5213, 74.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0132, 61.1201, 84.8201 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(215, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 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(215, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 232) }
```

Border

The CSS property to change the border of an element to XYZ 63.0132, 61.1201, 84.8201 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(215, 199, 232) }
```


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

```
.border{ border-color:rgb(215, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0132, 61.1201, 84.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 232) }
```

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

```
.background{ background-color: rgb(215,  
199, 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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