

Converting Colors

XYZ(62.1648, 60.7350, 80.9392)

Have a look what the booklet for
XYZ(62.1648, 60.7350, 80.9392)
contains.

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Color

**XYZ(62.3129, 60.8400,
81.1321)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C7E3
RGB	215, 199, 227
RGB Percent	84%, 78%, 89%
CMY	0.1569, 0.2196, 0.1098
CMYK	0.05, 0.12, 0.00, 0.11
HSL	274°, 33%, 84%
HSV	274°, 12%, 89%
XYZ	62.3129, 60.8400, 81.1321
YIQ	206.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

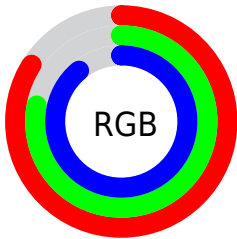
Format	Color
R _Y B	215, 199, 227
Decimal	14141411
CIE Lab	82.29, 10.68, -11.85
CIE LCh	82, 15.954, 312.045
Yxy	60.8400, 0.3050, 0.2978
Android (android.graphics.Color)	4292331491 (0xFFD7C7E3)
YUV	206.9760, 9.8718, 7.0370
Hunter-Lab	78.0000, 6.1007, -7.0708

Details

The XYZ color **62.3129, 60.8400, 81.1321** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.6441, 72.9122, 64.7022**, and the grayscale version is **59.2325, 62.3172, 67.8634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0690, 30.7029, 43.2658** is the 20% darker color. If you saturate the color by 10%, you get **54.7025, 49.7344, 79.3905**, and if you desaturate by 10%, it is **70.8759, 73.5966, 83.1440**.

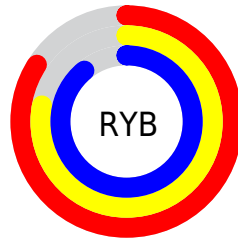
Distribution



Red (84%)

Green (78%)

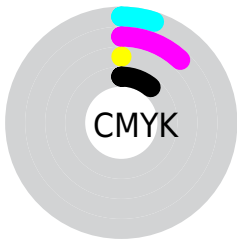
Blue (89%)



Red (84%)

Yellow (78%)

Blue (89%)

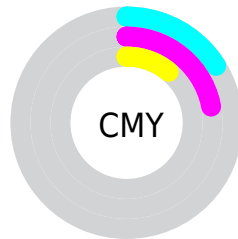


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3129, 60.8400, 81.1321 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 62.3129, 60.8400, 81.1321 by changing the saturation by 10% instead.

■ 62.3129, 60.8400,
81.1321

■ 62.3129, 60.8400,
81.1321

422.7709,
427.6871, 518.5470

■ 45.5421, 44.0961,
60.1188

107.2650,
106.0472, 136.7820

■ 32.0878, 30.7460,
43.0884

136.1771,
135.2793, 172.2556

■ 21.5844, 20.4055,
29.6226

169.8670,
169.4429, 213.3864

■ 13.6667, 12.6902,
19.3027

208.7000,
208.9224, 260.5929

■ 7.9694, 7.2155,
11.7102

253.0416,
254.1021, 314.2937

■ 4.1270, 3.5973,
6.4265

303.2570,

■ 1.7742, 1.4509,

305.3666, 374.9073

3.0332

359.7117,
363.1001, 442.8522

■ 0.5021, 0.2538,
1.1116

■ 0.0000, 0.0000,
0.0000

■ 62.3129, 60.8400,
81.1321

■ 62.3129, 60.8400,
81.1321

■ 54.7025, 49.7344,
79.3905

■ 70.8759, 73.5966,
83.1440

■ 48.0019, 40.2016,
77.9037

■ 80.4213, 88.0622,
85.4330

■ 42.1731, 32.1688,
76.6604

■ 86.9996, 96.3333,
86.6828

■ 37.1728, 25.5543,
75.6472

■ 90.4691, 98.1219,
86.8452

■ 32.9538, 20.2681,
74.8493

■ 90.8653, 98.3261,
86.8637

■ 29.4634, 16.2099,
74.2499

■ 26.6414, 13.2641,
73.8300

■ 24.4157, 11.2920,
73.5667

■ 23.0261, 10.2687,
73.4424

Harmonies

Analogous

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



59.2006, 60.8400, 86.2779



62.3129, 60.8400, 81.1321



64.2664, 60.8400, 72.1808

Triad

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



62.3129, 60.8400, 81.1321



59.8639, 60.8400, 49.9928



51.6701, 60.8400, 70.2259

Complementary

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



62.3129, 60.8400, 81.1321



64.6441, 72.9122, 64.7022

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.



51.8320, 60.8400, 60.6428



62.3129, 60.8400, 81.1321



56.4740, 60.8400, 49.5801

Square

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



62.3129, 60.8400, 81.1321



62.8148, 60.8400, 54.4880



53.5610, 60.8400, 53.2994



53.1097, 60.8400, 79.5808

Rectangle

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



62.3129, 60.8400, 81.1321



64.6039, 60.8400, 65.5790



53.5610, 60.8400, 53.2994



51.5407, 60.8400, 66.9143

Sweetspot

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



62.3147, 60.8426, 81.1334



90.2918, 92.8441, 107.7696



60.7481, 64.3454, 81.8921



19.1396, 19.5930, 23.0230



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.



62.3147, 60.8426, 81.1334



78.2620, 74.9991, 104.9592



65.7125, 62.6238, 79.9548



14.3673, 14.2916, 18.1456



13.5648, 6.0588, 42.8377



1.1082, 0.5023, 3.1705

Inverse Universe

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



63.8620, 61.8836, 70.2098



80.7171, 76.6484, 87.7394



61.5514, 71.2927, 65.6958



14.6321, 14.4700, 16.2632



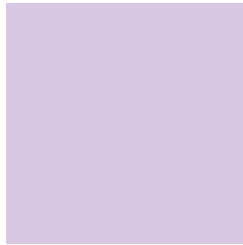
19.7973, 10.0531, 7.8273



1.5087, 0.7612, 0.8194

Previews

White Background



This preview shows how the XYZ color 62.3129, 60.8400, 81.1321 looks on a white background.

Color Contrast Check

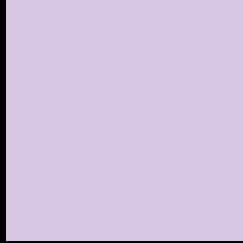
Large Text (above 18pt) WCAG AA × Fail

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 62.3129, 60.8400, 81.1321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

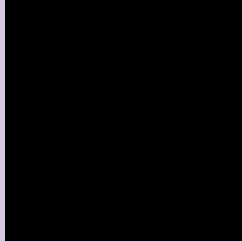
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3129, 60.8400, 81.1321

Background



This preview shows how black text looks on a background with the XYZ color 62.3129, 60.8400, 81.1321.



This preview shows how white text looks on a background with the XYZ color 62.3129, 60.8400,

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

62.3129, 60.8400, 81.1321

Protanopia

59.7263, 60.8426, 83.4588

Deuteranopia

62.0201, 60.6890, 81.1184



Tritanopia

60.8516, 60.9292, 74.1989

Trichromacy



Original Color

62.3129, 60.8400, 81.1321

Protanomaly

60.7170, 61.0200, 82.7067

Deuteranomaly

62.0201, 60.6890, 81.1184

Tritanomaly

61.4370, 60.8252, 76.9090

Monochromacy



Original Color

62.3129, 60.8400, 81.1321

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3088, 61.7424, 72.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3129, 60.8400, 81.1321 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.3129, 60.8400, 81.1321 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, 227) }
```


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

```
.border{ border-color:rgb(215, 199, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3129, 60.8400, 81.1321 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, 227) }
```

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

```
.background{ background-color: rgb(215,  
199, 227) }
```

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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