

Converting Colors

XYZ(62.2339, 60.8283, 80.6494)

Have a look what the booklet for
XYZ(62.2339, 60.8283, 80.6494)
contains.

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Color

**XYZ(62.1752, 60.7849,
80.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C7E2
RGB	215, 199, 226
RGB Percent	84%, 78%, 89%
CMY	0.1569, 0.2196, 0.1137
CMYK	0.05, 0.12, 0.00, 0.11
HSL	276°, 32%, 83%
HSV	276°, 12%, 89%
XYZ	62.1752, 60.7849, 80.4072
YIQ	206.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

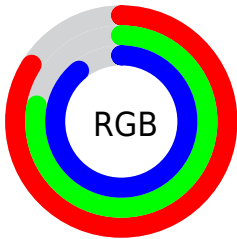
Format	Color
R _Y B	215, 199, 226
Decimal	14141410
CIE Lab	82.26, 10.49, -11.36
CIE LCh	82, 15.462, 312.733
Yxy	60.7849, 0.3057, 0.2989
Android (android.graphics.Color)	4292331490 (0xFFD7C7E2)
YUV	206.8620, 9.4350, 7.1370
Hunter-Lab	77.9647, 5.9119, -6.5722

Details

The XYZ color **62.1752, 60.7849, 80.4072** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.0858, 72.2195, 64.5979**, and the grayscale version is **59.1617, 62.2427, 67.7823**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9733, 30.6647, 42.7618** is the 20% darker color. If you saturate the color by 10%, you get **54.7287, 49.7929, 78.6789**, and if you desaturate by 10%, it is **70.5498, 73.4049, 82.4026**.

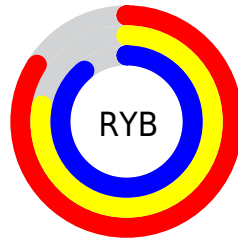
Distribution



Red (84%)

Green (78%)

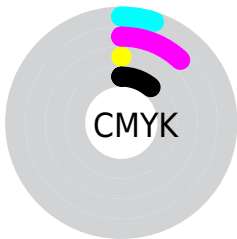
Blue (89%)



Red (84%)

Yellow (78%)

Blue (89%)

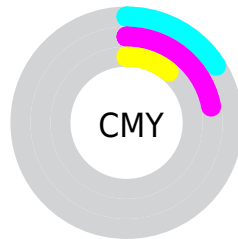


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1752, 60.7849, 80.4072 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 62.1752, 60.7849, 80.4072 by changing the saturation by 10% instead.

■ 62.1752, 60.7849,
80.4072

■ 62.1752, 60.7849,
80.4072

422.2773,
427.4849, 516.0470

■ 45.4304, 44.0516,
59.5254

107.0672,
105.9674, 135.7546

■ 31.9993, 30.7111,
42.6134

135.9452,
135.1854, 171.0573

■ 21.5165, 20.3789,
29.2527

169.5982,
169.3338, 212.0041

■ 13.6167, 12.6708,
19.0249

208.3917,
208.7969, 259.0133

■ 7.9345, 7.2023,
11.5113

252.6910,
253.9592, 312.5037

■ 4.1045, 3.5889,
6.2933

302.8614,

■ 1.7614, 1.4464,

305.2050, 372.8938

2.9526

359.2684,
362.9188, 440.6020

■ 0.4943, 0.2505,
1.0705

■ 0.0000, 0.0000,
0.0000

■ 62.1752, 60.7849,
80.4072

■ 62.1752, 60.7849,
80.4072

■ 54.7287, 49.7929,
78.6789

■ 70.5498, 73.4049,
82.4026

■ 48.1684, 40.3522,
77.2024

■ 79.8812, 87.7102,
84.6720

■ 42.4571, 32.3910,
75.9668

■ 86.3212, 95.9994,
85.9326

■ 37.5528, 25.8290,
74.9587

■ 89.5730, 97.6758,
86.0848

■ 33.4092, 20.5778,
74.1635

■ 90.7276, 98.2711,
86.1388

■ 29.9750, 16.5389,
73.5649

■ 27.1915, 13.5990,
73.1442

■ 24.9886, 11.6223,
72.8787

■ 23.5459, 10.5525,
72.7483

Harmonies

Analogous

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



59.1801, 60.7849, 85.4804



62.1752, 60.7849, 80.4072



64.0296, 60.7849, 71.7102

Triad

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



62.1752, 60.7849, 80.4072



59.6728, 60.7849, 50.3441



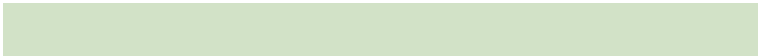
51.8195, 60.7849, 70.2595

Complementary

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



62.1752, 60.7849, 80.4072



64.0858, 72.2195, 64.5979

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.



51.9401, 60.7849, 60.9500



62.1752, 60.7849, 80.4072



56.3908, 60.7849, 50.0355

Square

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



62.1752, 60.7849, 80.4072



62.5476, 60.7849, 54.6334



53.5860, 60.7849, 53.7463



53.2501, 60.7849, 79.2586

Rectangle

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



62.1752, 60.7849, 80.4072



64.3278, 60.7849, 65.3240



53.5860, 60.7849, 53.7463



51.6816, 60.7849, 67.0523

Sweetspot

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



62.1770, 60.7875, 80.4085



90.3694, 92.8841, 107.7732



60.3914, 63.8523, 81.0942



19.1592, 19.6032, 23.0239



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.



62.1770, 60.7875, 80.4085



79.5494, 76.6445, 105.2089



65.2099, 62.3864, 78.9494



13.7268, 13.6427, 17.2975



13.5705, 6.0912, 41.5088



1.0413, 0.4741, 2.8819

Inverse Universe

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



63.4224, 61.6715, 69.5369



81.4790, 78.0114, 88.4893



61.3238, 70.7653, 65.8425



13.9376, 13.7927, 15.4414



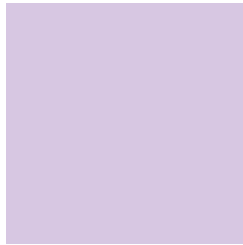
19.0528, 9.6881, 6.9440



1.3642, 0.6890, 0.7109

Previews

White Background



This preview shows how the XYZ color 62.1752, 60.7849, 80.4072 looks on a white background.

Color Contrast Check

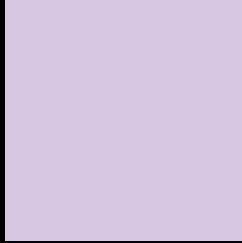
Large Text (above 18pt) WCAG AA × Fail

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 62.1752, 60.7849, 80.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

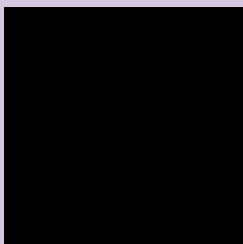
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

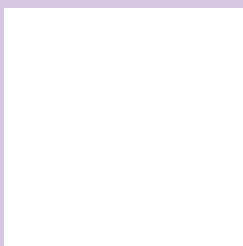
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1752, 60.7849, 80.4072

Background



This preview shows how black text looks on a background with the XYZ color 62.1752, 60.7849, 80.4072.



This preview shows how white text looks on a background with the XYZ color 62.1752, 60.7849,

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

62.1752, 60.7849, 80.4072

Protanopia

59.5862, 60.7865, 82.7212

Deuteranopia

62.1752, 60.7849, 80.4072



Tritanopia

61.0129, 61.0273, 73.5295

Trichromacy



Original Color

62.1752, 60.7849, 80.4072

Protanomaly

60.5777, 60.9643, 81.9733

Deuteranomaly

62.1752, 60.7849, 80.4072

Tritanomaly

61.3041, 60.7720, 76.2092

Monochromacy



Original Color

62.1752, 60.7849, 80.4072

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 62.1752, 60.7849, 80.4072 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.1752, 60.7849, 80.4072 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, 226) }
```


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

```
.border{ border-color:rgb(215, 199, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 226);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1752, 60.7849, 80.4072 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, 226) }
```

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

```
.background{ background-color: rgb(215,  
199, 226) }
```

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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