

# Converting Colors

XYZ(61.8462, 62.6849, 77.7318)

Have a look what the booklet for  
XYZ(61.8462, 62.6849, 77.7318)  
contains.

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# Color

**XYZ(61.8801, 62.7855,  
77.9646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3CDDE
RGB	211, 205, 222
RGB Percent	83%, 80%, 87%
CMY	0.1725, 0.1961, 0.1294
CMYK	0.05, 0.08, 0.00, 0.13
HSL	261°, 20%, 84%
HSV	261°, 8%, 87%
XYZ	61.8801, 62.7855, 77.9646
YIQ	208.7320, -1.8810, 6.5590

# Conversions

## Conversions Part 2

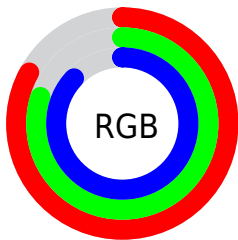
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 205, 222
Decimal	13880798
CIE <sub>Lab</sub>	83.33, 5.21, -7.67
CIE <sub>LCh</sub>	83, 9.271, 304.180
Yxy	62.7855, 0.3054, 0.3099
Android (android.graphics.Color)	4292070878 (0xFFD3CDDE)
YUV	208.7320, 6.5411, 1.9890
Hunter-Lab	79.2373, 0.7337, -2.8716

# Details

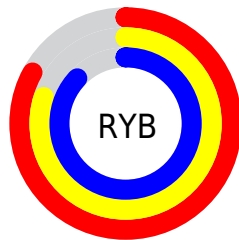
The XYZ color **61.8801, 62.7855, 77.9646** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4620, 71.2510, 68.0634**, and the grayscale version is **60.3909, 63.5360, 69.1907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7520, 31.9912, 41.0606** is the 20% darker color. If you saturate the color by 10%, you get **53.0085, 50.8815, 76.1354**, and if you desaturate by 10%, it is **71.8768, 76.3914, 80.0649**.

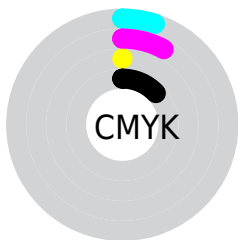
# Distribution



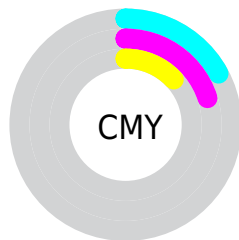
- Red (83%)
- Green (80%)
- Blue (87%)



- Red (83%)
- Yellow (80%)
- Blue (87%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8801, 62.7855, 77.9646 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 61.8801, 62.7855, 77.9646 by changing the saturation by 10% instead.



■ 61.8801, 62.7855,  
77.9646

■ 61.8801, 62.7855,  
77.9646

421.2181,  
434.7906, 507.5713

■ 45.1911, 45.6677,  
57.5286

106.6431,  
108.8600, 132.2856

■ 31.8099, 31.9837,  
41.0176

135.4478,  
138.5855, 167.0078

■ 21.3712, 21.3490,  
28.0130

169.0218,  
173.2823, 207.3290

■ 13.5096, 13.3794,  
18.0964

207.7304,  
213.3349, 253.6680

■ 7.8598, 7.6903,  
10.8490

251.9390,  
259.1276, 306.4432

■ 4.0564, 3.8974,  
5.8525

302.0129,

■ 1.7341, 1.6163,

311.0449, 366.0731

2.6883

358.3175,  
369.4711, 432.9763

■ 0.4775, 0.3686,  
0.9375

■ 0.0000, 0.0000,  
0.0000

■ 61.8801, 62.7855,  
77.9646

■ 61.8801, 62.7855,  
77.9646

■ 53.0085, 50.8815,  
76.1354

■ 71.8768, 76.3914,  
80.0649

■ 45.2152, 40.6033,  
74.5623

■ 83.0320, 91.7555,  
82.4425

■ 38.4585, 31.8810,  
73.2348

■ 89.8563, 97.8846,  
83.2659

■ 32.6913, 24.6361,  
72.1404

■ 90.1850, 98.0540,  
83.2812

■ 27.8628, 18.7832,  
71.2652

■ 23.9173, 14.2281,  
70.5939

■ 20.7925, 10.8640,  
70.1093

■ 18.4165, 8.5666,  
69.7910

■ 16.6945, 7.1670,  
69.6117

# Harmonies

## Analogous

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



59.9587, 62.7855, 80.0437



61.8801, 62.7855, 77.9646



63.2337, 62.7855, 73.3131

# Triad

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



61.8801, 62.7855, 77.9646



61.3801, 62.7855, 58.8482



55.8925, 62.7855, 69.1751

# Complementary

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



61.8801, 62.7855, 77.9646



65.4620, 71.2510, 68.0634

# 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.



56.2538, 62.7855, 63.6404



61.8801, 62.7855, 77.9646



59.3936, 62.7855, 57.8773

# Square

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



61.8801, 62.7855, 77.9646



62.9405, 62.7855, 62.3135



57.5244, 62.7855, 59.5835



56.5259, 62.7855, 74.7913



# Rectangle

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



61.8801, 62.7855, 77.9646



63.6159, 62.7855, 69.4948



57.5244, 62.7855, 59.5835



55.9017, 62.7855, 67.2431

# Sweetspot

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



61.8819, 62.7882, 77.9660



92.2406, 96.1684, 108.3085



62.9326, 67.3926, 78.7993



19.7728, 20.6242, 23.1887



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.



61.8819, 62.7882, 77.9660



82.9058, 83.5124, 106.3576



64.3671, 64.0693, 78.0823



13.4060, 13.4773, 17.2825



9.8230, 4.1592, 41.3334



0.7757, 0.3372, 2.8694



# Inverse Universe

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



64.3524, 64.1530, 73.9601



86.8842, 85.7108, 99.8818



63.0290, 69.9967, 67.9495



14.0790, 13.8492, 16.1860



20.9232, 10.4363, 16.7933

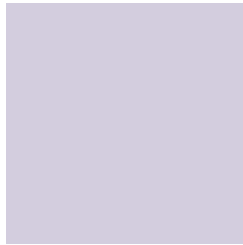


1.4923, 0.7402, 1.3853



# Previews

## White Background



This preview shows how the XYZ color 61.8801, 62.7855, 77.9646 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

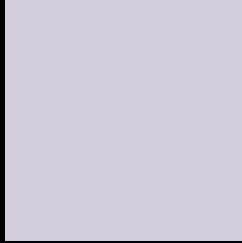
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.8801, 62.7855, 77.9646 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

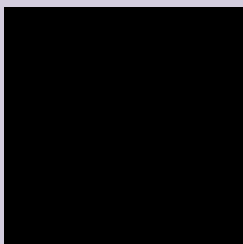
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

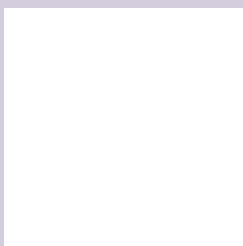
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.8801, 62.7855, 77.9646

## Background



This preview shows how black text looks on a background with the XYZ color 61.8801, 62.7855, 77.9646.



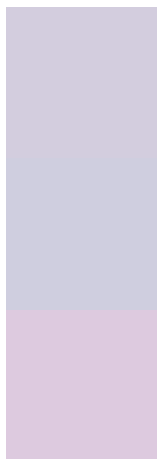
This preview shows how white text looks on a background with the XYZ color 61.8801, 62.7855,



# 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

61.8801, 62.7855, 77.9646

### Protanopia

61.1227, 62.7357, 78.6997

### Deuteranopia

64.2586, 62.9409, 78.5741



## Tritanopia

61.7464, 62.7320, 77.2607

# Trichromacy



## Original Color

61.8801, 62.7855, 77.9646

## Protanomaly

61.4030, 62.8802, 78.7128

## Deuteranomaly

63.2905, 62.7913, 78.5962

## Tritanomaly

61.7464, 62.7320, 77.2607

# Monochromacy



## Original Color

61.8801, 62.7855, 77.9646

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

61.2718, 63.6684, 72.6782

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.8801, 62.7855, 77.9646 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(211, 205, 222) looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 222)  
}
```

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(211, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 222) }
```

## Border

The CSS property to change the border of an element to XYZ 61.8801, 62.7855, 77.9646 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(211, 205, 222) }
```



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

```
.border{ border-color:rgb(211, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 205, 222); box-shadow:4px 4px 4px 4px rgb(211, 205, 222) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.8801, 62.7855, 77.9646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 222) }
```

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

```
.background{ background-color: rgb(211,  
205, 222) }
```

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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