

Converting Colors

XYZ(65.7500, 63.3781, 77.8750)

Have a look what the booklet for
XYZ(65.7500, 63.3781, 77.8750)
contains.

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Color

**XYZ(65.7500, 63.3781,
77.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C9DE
RGB	227, 201, 222
RGB Percent	89%, 79%, 87%
CMY	0.1098, 0.2117, 0.1294
CMYK	0.00, 0.11, 0.02, 0.11
HSL	312°, 32%, 84%
HSV	312°, 11%, 89%
XYZ	65.7500, 63.3781, 77.8750
YIQ	211.1680, 8.7550, 12.0430

Conversions

Conversions Part 2

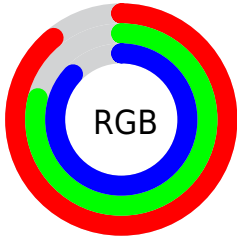
Format	Color
R _Y B	227, 201, 222
Decimal	14928350
CIE Lab	83.64, 12.72, -7.06
CIE LCh	84, 14.547, 330.950
Yxy	63.3781, 0.3176, 0.3062
Android (android.graphics.Color)	4293118430 (0xFFE3C9DE)
YUV	211.1680, 5.3402, 13.8847
Hunter-Lab	79.6104, 8.1046, -2.2703

Details

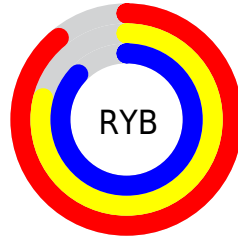
The XYZ color **65.7500, 63.3781, 77.8750** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6995, 71.8136, 68.9527**, and the grayscale version is **61.9912, 65.2196, 71.0241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4220, 32.4281, 41.0042** is the 20% darker color. If you saturate the color by 10%, you get **60.2673, 53.3363, 73.1981**, and if you desaturate by 10%, it is **72.0335, 74.9954, 82.8951**.

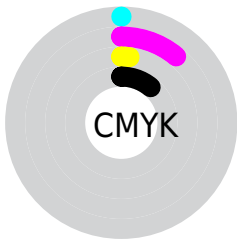
Distribution



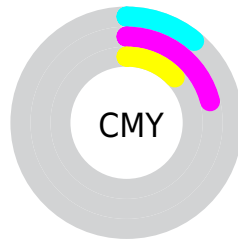
- Red (89%)
- Green (79%)
- Blue (87%)



- Red (89%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7500, 63.3781, 77.8750 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 65.7500, 63.3781, 77.8750 by changing the saturation by 10% instead.

65.7500, 63.3781,
77.8750

65.7500, 63.3781,
77.8750

434.9850,
436.9404, 507.2589

48.3364, 46.1472,
57.4555

112.1872,
109.7148, 132.1582

34.3058, 32.3620,
40.9592

141.9415,
139.5894, 166.8589

23.2926, 21.6381,
27.9678

176.5401,
174.4473, 207.1570

14.9316, 13.5912,
18.0625

216.3483,
214.6729, 253.4712

8.8574, 7.8369,
10.8250

261.7316,
260.6506, 306.2200

4.7046, 3.9908,
5.8366

313.0552,

2.1080, 1.6684,

312.7648, 365.8218

2.6788

370.6846,
371.4000, 432.6952

■ 0.6936, 0.4031,
0.9327

■ 0.0000, 0.0000,
0.0000

■ 65.7500, 63.3781,
77.8750

■ 65.7500, 63.3781,
77.8750

■ 60.2673, 53.3363,
73.1981

■ 72.0335, 74.9954,
82.8951

■ 55.5457, 44.7935,
68.8484

■ 79.1444, 88.2441,
88.2656

■ 51.5501, 37.6788,
64.8143

■ 82.4488, 93.8550,
92.4431

■ 48.2406, 31.9126,
61.0820

■ 83.0879, 94.1107,
95.8087

45.5734, 27.4076,
57.6363

83.7426, 94.3726,
99.2563

43.4996, 24.0659,
54.4604

84.4130, 94.6407,
102.7867

41.9629, 21.7754,
51.5348

85.0993, 94.9152,
106.4003

40.8961, 20.4016,
48.8366

85.4890, 95.0711,
108.4526

40.2617, 19.7642,
46.6783

Harmonies

Analogous

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



63.4421, 63.3781, 85.1605



65.7500, 63.3781, 77.8750



66.5688, 63.3781, 68.7177

Triad

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



65.7500, 63.3781, 77.8750



60.1376, 63.3781, 52.9222



55.1405, 63.3781, 78.4219

Complementary

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



65.7500, 63.3781, 77.8750



62.6995, 71.8136, 68.9527

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.



54.3237, 63.3781, 69.2990



65.7500, 63.3781, 77.8750



57.1455, 63.3781, 55.0391

Square

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



65.7500, 63.3781, 77.8750



63.2604, 63.3781, 54.7895



55.0449, 63.3781, 60.8409



57.3154, 63.3781, 85.4953

Rectangle

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



65.7500, 63.3781, 77.8750



66.1381, 63.3781, 62.9278



55.0449, 63.3781, 60.8409



54.7015, 63.3781, 75.4677

Sweetspot

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



65.7518, 63.3809, 77.8764



92.4219, 95.1214, 106.8597



60.1433, 60.4110, 81.1646



19.6353, 20.0878, 22.7572



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.



65.7518, 63.3809, 77.8764



83.6139, 78.8653, 99.7311



64.1049, 62.7221, 69.2037



14.8700, 14.5652, 17.5158



23.5219, 11.5430, 27.4409



1.7688, 0.8652, 2.1891

Inverse Universe

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



65.7518, 63.3809, 77.8764



83.6139, 78.8653, 99.7311



64.3141, 72.4595, 77.4550



14.8700, 14.5652, 17.5158



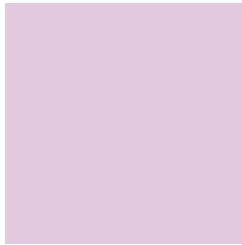
23.5219, 11.5430, 27.4409



1.7688, 0.8652, 2.1891

Previews

White Background



This preview shows how the XYZ color 65.7500, 63.3781, 77.8750 looks on a white background.

Color Contrast Check

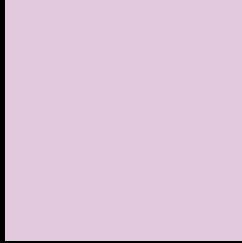
Large Text (above 18pt) WCAG AA × Fail

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 65.7500, 63.3781, 77.8750 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 65.7500, 63.3781, 77.8750

Background



This preview shows how black text looks on a background with the XYZ color 65.7500, 63.3781, 77.8750.



This preview shows how white text looks on a background with the XYZ color 65.7500, 63.3781,

77.8750.

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

65.7500, 63.3781, 77.8750

Protanopia

61.7724, 63.3820, 80.9297

Deuteranopia

64.9722, 63.6738, 77.9731



Tritanopia

65.1394, 63.4718, 75.1477

Trichromacy



Original Color

65.7500, 63.3781, 77.8750

Protanomaly

63.1535, 63.3950, 80.1421

Deuteranomaly

65.0458, 63.3623, 77.9091

Tritanomaly

65.2707, 63.5243, 75.8391

Monochromacy



Original Color

65.7500, 63.3781, 77.8750

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.1938, 64.2837, 73.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7500, 63.3781, 77.8750 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(227, 201, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 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(227, 201, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.7500, 63.3781, 77.8750 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(227, 201, 222) }
```


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

```
.border{ border-color:rgb(227, 201, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 201, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7500, 63.3781, 77.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 222) }
```

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

```
.background{ background-color: rgb(227,  
201, 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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