

Converting Colors

XYZ(65.9085, 63.4111, 80.3289)

Have a look what the booklet for
XYZ(65.9085, 63.4111, 80.3289)
contains.

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Color

**XYZ(65.8413, 63.3783,
79.9972)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E2C9E1 |
| RGB | 226, 201, 225 |
| RGB Percent | 89%, 79%, 88% |
| CMY | 0.1137, 0.2117, 0.1176 |
| CMYK | 0.00, 0.11, 0.00, 0.11 |
| HSL | 302°, 30%, 84% |
| HSV | 302°, 11%, 89% |
| XYZ | 65.8413, 63.3783, 79.9972 |
| YIQ | 211.2110, 7.1960, 12.7640 |

Conversions

Conversions Part 2

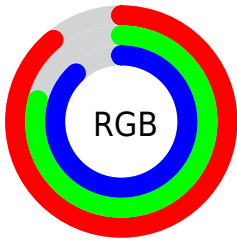
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 201, 225 |
| Decimal | 14862817 |
| CIE Lab | 83.64, 12.92, -8.67 |
| CIE LCh | 84, 15.562, 326.127 |
| Yxy | 63.3783, 0.3147, 0.3029 |
| Android (android.graphics.Color) | 4293052897 (0xFFE2C9E1) |
| YUV | 211.2110, 6.7980, 12.9700 |
| Hunter-Lab | 79.6105, 8.3088, -3.8507 |

Details

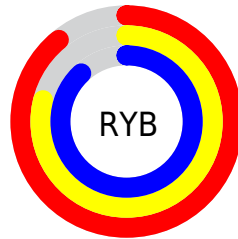
The XYZ color **65.8413, 63.3783, 79.9972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9469, 71.0763, 66.3346**, and the grayscale version is **62.0110, 65.2404, 71.0468**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4840, 32.4276, 42.4719** is the 20% darker color. If you saturate the color by 10%, you get **60.8333, 53.5583, 77.7216**, and if you desaturate by 10%, it is **71.6287, 74.7542, 82.5374**.

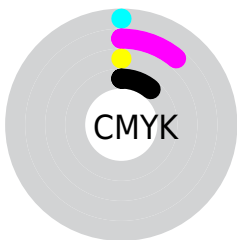
Distribution



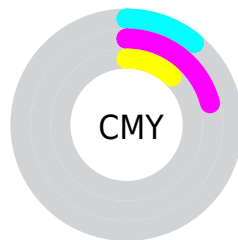
- Red (89%)
- Green (79%)
- Blue (88%)



- Red (89%)
- Yellow (79%)
- Blue (88%)



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



- Cyan (11%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8413, 63.3783, 79.9972 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 65.8413, 63.3783, 79.9972 by changing the saturation by 10% instead.

65.8413, 63.3783,
79.9972

65.8413, 63.3783,
79.9972

435.3067,
436.9411, 514.6299

48.4108, 46.1473,
59.1899

112.3175,
109.7151, 135.1732

34.3649, 32.3621,
42.3450

142.0940,
139.5897, 170.3789

23.3383, 21.6382,
29.0439

176.7164,
174.4476, 211.2212

14.9656, 13.5913,
18.8682

216.5503,
214.6733, 258.1186

8.8814, 7.8370,
11.3992

261.9609,
260.6511, 311.4896

4.7204, 3.9908,
6.2185

313.3136,

2.1172, 1.6684,

312.7654, 371.7528

2.9075

370.9737,
371.4006, 439.3267

■ 0.6985, 0.4031,
1.0476

■ 0.0000, 0.0000,
0.0000

■ 65.8413, 63.3783,
79.9972

■ 65.8413, 63.3783,
79.9972

■ 60.8333, 53.5583,
77.7216

■ 71.6287, 74.7542,
82.5374

■ 56.5656, 45.2186,
75.6951

■ 78.2217, 87.7412,
85.3486

■ 53.0036, 38.2896,
73.9071

■ 81.0884, 93.2746,
86.9209

■ 50.1083, 32.6927,
72.3446

■ 81.2141, 93.3248,
87.5828

47.8365, 28.3420,
70.9931

81.3405, 93.3754,
88.2482

46.1402, 25.1410,
69.8366

81.4675, 93.4262,
88.9170

44.9642, 22.9797,
68.8568

81.5952, 93.4773,
89.5893

44.2427, 21.7263,
68.0317

81.7235, 93.5286,
90.2651

43.8835, 21.1766,
67.3920

81.8525, 93.5802,
90.9444

Harmonies

Analogous

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



63.1691, 63.3783, 87.2522



65.8413, 63.3783, 79.9972



67.0116, 63.3783, 70.2825

Triad

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



65.8413, 63.3783, 79.9972



60.6825, 63.3783, 51.9373



54.5492, 63.3783, 77.6006

Complementary

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



65.8413, 63.3783, 79.9972



61.9469, 71.0763, 66.3346

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.



53.9392, 63.3783, 67.7493



65.8413, 63.3783, 79.9972



57.4013, 63.3783, 53.5030

Square

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



65.8413, 63.3783, 79.9972



63.9631, 63.3783, 54.5790



54.9642, 63.3783, 59.0746



56.6627, 63.3783, 85.7796

Rectangle

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



65.8413, 63.3783, 79.9972



66.7513, 63.3783, 63.9288



54.9642, 63.3783, 59.0746



54.1650, 63.3783, 74.3497

Sweetspot

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



65.8432, 63.3810, 79.9986



92.6087, 95.1961, 107.8433



58.9290, 59.8008, 80.3894



19.6859, 20.1081, 23.0236



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.



65.8432, 63.3810, 79.9986



85.1586, 80.5578, 104.5530



64.2208, 62.7321, 71.4552



14.2701, 13.9257, 17.1925



25.0462, 12.0855, 38.5044



1.7435, 0.8407, 2.7083

Inverse Universe

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



65.8432, 63.3810, 79.9986



85.1586, 80.5578, 104.5530



63.4662, 71.6840, 74.3353



14.2701, 13.9257, 17.1925



25.0462, 12.0855, 38.5044



1.7435, 0.8407, 2.7083

Previews

White Background



This preview shows how the XYZ color 65.8413, 63.3783, 79.9972 looks on a white background.

Color Contrast Check

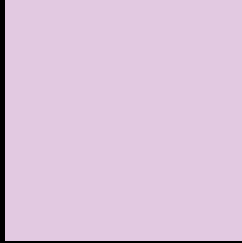
Large Text (above 18pt) WCAG AA × Fail

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 65.8413, 63.3783, 79.9972 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 65.8413, 63.3783, 79.9972

Background



This preview shows how black text looks on a background with the XYZ color 65.8413, 63.3783, 79.9972.



This preview shows how white text looks on a background with the XYZ color 65.8413, 63.3783,

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

65.8413, 63.3783, 79.9972

Protanopia

61.9093, 63.4046, 83.1041

Deuteranopia

64.7653, 63.5203, 80.0813



Tritanopia

64.8268, 63.3106, 75.1331

Trichromacy



Original Color

65.8413, 63.3783, 79.9972

Protanomaly

63.2755, 63.4102, 82.3032

Deuteranomaly

65.1426, 63.3653, 80.0315

Tritanomaly

65.2230, 63.4691, 77.2197

Monochromacy



Original Color

65.8413, 63.3783, 79.9972

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.0264, 64.1824, 74.0323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8413, 63.3783, 79.9972 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(226, 201, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 225)  
}
```

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(226, 201, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.8413, 63.3783, 79.9972 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(226, 201, 225) }
```


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

```
.border{ border-color:rgb(226, 201, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8413, 63.3783, 79.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 225) }
```

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

```
.background{ background-color: rgb(226,  
201, 225) }
```

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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