

Converting Colors

XYZ(65.0151, 64.0824, 80.3129)

Have a look what the booklet for
XYZ(65.0151, 64.0824, 80.3129)
contains.

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Color

**XYZ(65.0023, 63.9941,
80.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCCE1
RGB	221, 204, 225
RGB Percent	87%, 80%, 88%
CMY	0.1333, 0.2000, 0.1176
CMYK	0.02, 0.09, 0.00, 0.12
HSL	289°, 26%, 84%
HSV	289°, 9%, 88%
XYZ	65.0023, 63.9941, 80.1603
YIQ	211.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

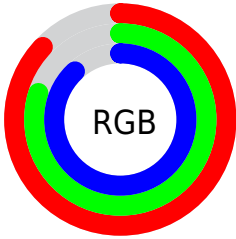
Format	Color
R _Y B	221, 204, 225
Decimal	14535905
CIE Lab	83.96, 9.65, -8.24
CIE LCh	84, 12.689, 319.493
Yxy	63.9941, 0.3108, 0.3060
Android (android.graphics.Color)	4292725985 (0xFFDDCCE1)
YUV	211.4770, 6.6668, 8.3517
Hunter-Lab	79.9963, 5.0495, -3.4141

Details

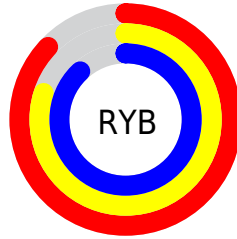
The XYZ color **65.0023, 63.9941, 80.1603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8390, 71.6216, 67.5896**, and the grayscale version is **62.1896, 65.4283, 71.2514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8879, 32.8220, 42.5794** is the 20% darker color. If you saturate the color by 10%, you get **58.7483, 53.3979, 78.4456**, and if you desaturate by 10%, it is **72.0659, 76.1580, 82.1368**.

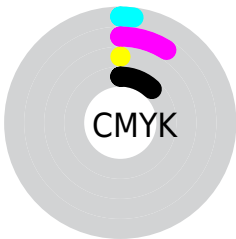
Distribution



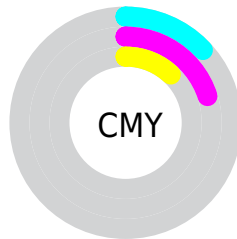
- Red (87%)
- Green (80%)
- Blue (88%)



- Red (87%)
- Yellow (80%)
- Blue (88%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0023, 63.9941, 80.1603 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 65.0023, 63.9941, 80.1603 by changing the saturation by 10% instead.

65.0023, 63.9941,
80.1603

65.0023, 63.9941,
80.1603

432.3453,
439.1683, 515.1939

47.7277, 46.6459,
59.3233

111.1189,
110.6024, 135.4045

33.8216, 32.7558,
42.4517

140.6915,
140.6314, 170.6488

22.9188, 21.9394,
29.1270

175.0941,
175.6560, 211.5327

14.6539, 13.8124,
18.9305

214.6922,
216.0607, 258.4746

8.6616, 7.9903,
11.4438

259.8509,
262.2299, 311.8932

4.5765, 4.0887,
6.2482

310.9358,

2.0331, 1.7233,

314.5480, 372.2069

2.9254

368.3122,
373.3993, 439.8343

■ 0.6525, 0.4387,
1.0567

■ 0.0000, 0.0000,
0.0000

■ 65.0023, 63.9941,
80.1603

■ 65.0023, 63.9941,
80.1603

■ 58.7483, 53.3979,
78.4456

■ 72.0659, 76.1580,
82.1368

■ 53.2651, 44.2952,
76.9776

■ 79.9647, 89.9435,
84.3814

■ 48.5190, 36.6178,
75.7459

■ 83.2365, 94.4251,
85.0740

■ 44.4714, 30.2892,
74.7376

■ 84.6598, 95.1588,
85.1406

41.0802, 25.2254,
73.9390

86.1173, 95.9101,
85.2088

38.2986, 21.3332,
73.3343

87.6093, 96.6793,
85.2786

36.0732, 18.5062,
72.9059

89.1361, 97.4664,
85.3501

34.3409, 16.6184,
72.6329

90.5908, 98.2163,
85.4182

32.9995, 15.4661,
72.4811

Harmonies

Analogous

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



62.6353, 63.9941, 85.2161



65.0023, 63.9941, 80.1603



66.2624, 63.9941, 72.5228

Triad

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



65.0023, 63.9941, 80.1603



61.8096, 63.9941, 55.6162



55.8983, 63.9941, 74.9413

Complementary

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



65.0023, 63.9941, 80.1603



63.8390, 71.6216, 67.5896

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.



55.6925, 63.9941, 66.9099



65.0023, 63.9941, 80.1603



59.0489, 63.9941, 56.1549

Square

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



65.0023, 63.9941, 80.1603



64.3820, 63.9941, 58.6204



56.8296, 63.9941, 60.1531



57.4005, 63.9941, 82.0469

Rectangle

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



65.0023, 63.9941, 80.1603



66.2798, 63.9941, 67.1712



56.8296, 63.9941, 60.1531



55.6770, 63.9941, 72.2479

Sweetspot

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



65.0042, 63.9969, 80.1617



92.1238, 94.9405, 108.0776



61.0997, 63.4858, 80.2688



19.5545, 20.0388, 23.0872



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.



65.0042, 63.9969, 80.1617



84.8068, 82.3914, 106.0411



65.3929, 64.2947, 75.7762



14.0257, 13.7968, 17.3115



19.0613, 8.9218, 41.7658



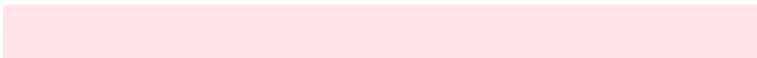
1.3879, 0.6528, 2.8981

Inverse Universe

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



64.0316, 63.7502, 68.6077



83.3026, 82.0137, 88.0023



63.4996, 71.3576, 71.5981



13.8134, 13.7430, 14.7875



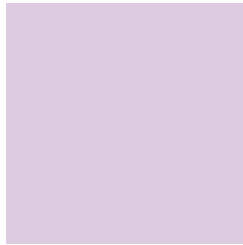
18.1750, 9.3370, 2.3214



1.2908, 0.6596, 0.3243

Previews

White Background



This preview shows how the XYZ color 65.0023, 63.9941, 80.1603 looks on a white background.

Color Contrast Check

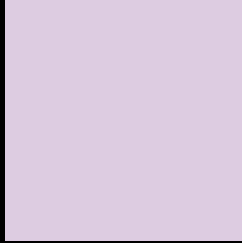
Large Text (above 18pt) WCAG AA × Fail

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 65.0023, 63.9941, 80.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

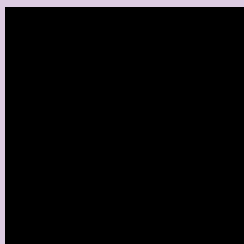
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0023, 63.9941, 80.1603

Background



This preview shows how black text looks on a background with the XYZ color 65.0023, 63.9941, 80.1603.



This preview shows how white text looks on a background with the XYZ color 65.0023, 63.9941,

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

65.0023, 63.9941, 80.1603

Protanopia

62.4334, 64.0677, 81.7488

Deuteranopia

65.3780, 63.8361, 80.1100



Tritanopia

64.3977, 64.0987, 77.3848

Trichromacy



Original Color

65.0023, 63.9941, 80.1603

Protanomaly

63.4809, 64.2628, 81.0097

Deuteranomaly

65.0707, 63.6777, 80.0956

Tritanomaly

64.5313, 64.1522, 78.0887

Monochromacy



Original Color

65.0023, 63.9941, 80.1603

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9749, 64.5167, 74.0996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0023, 63.9941, 80.1603 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(221, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 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(221, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.0023, 63.9941, 80.1603 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(221, 204, 225) }
```


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

```
.border{ border-color:rgb(221, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 204, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 204, 225); box-shadow:4px 4px 4px 4px rgb(221, 204, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0023, 63.9941, 80.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 204, 225) }
```

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

```
.background{ background-color: rgb(221,  
204, 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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