

Converting Colors

XYZ(64.2315, 63.8480, 78.3343)

Have a look what the booklet for
XYZ(64.2315, 63.8480, 78.3343)
contains.

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Color

**XYZ(64.2296, 63.9966,
78.0746)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DBCDDDE |
| RGB | 219, 205, 222 |
| RGB Percent | 86%, 80%, 87% |
| CMY | 0.1412, 0.1961, 0.1294 |
| CMYK | 0.01, 0.08, 0.00, 0.13 |
| HSL | 289°, 20%, 84% |
| HSV | 289°, 8%, 87% |
| XYZ | 64.2296, 63.9966, 78.0746 |
| YIQ | 211.1240, 2.8870, 8.2550 |

Conversions

Conversions Part 2

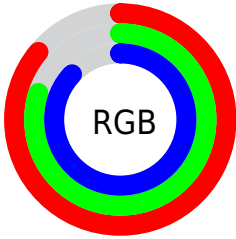
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 219, 205, 222 |
| Decimal | 14405086 |
| CIE Lab | 83.96, 7.89, -6.66 |
| CIE LCh | 84, 10.324, 319.833 |
| Yxy | 63.9966, 0.3113, 0.3102 |
| Android (android.graphics.Color) | 4292595166 (0xFFDBCDDDE) |
| YUV | 211.1240, 5.3619, 6.9073 |
| Hunter-Lab | 79.9979, 3.3198, -1.8661 |

Details

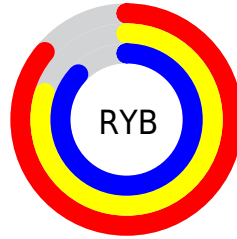
The XYZ color **64.2296, 63.9966, 78.0746** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1554, 70.0619, 67.9554**, and the grayscale version is **61.9647, 65.1917, 70.9938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3515, 32.8158, 41.1355** is the 20% darker color. If you saturate the color by 10%, you get **58.1272, 53.5203, 76.3751**, and if you desaturate by 10%, it is **71.1169, 75.9997, 80.0294**.

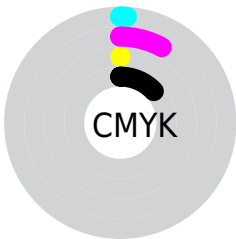
Distribution



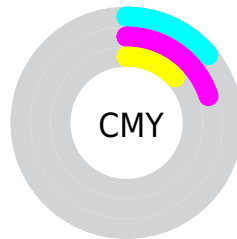
- Red (86%)
- Green (80%)
- Blue (87%)



- Red (86%)
- Yellow (80%)
- Blue (87%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2296, 63.9966, 78.0746 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 64.2296, 63.9966, 78.0746 by changing the saturation by 10% instead.

64.2296, 63.9966,
78.0746

64.2296, 63.9966,
78.0746

429.6074,
439.1774, 507.9548

47.0990, 46.6479,
57.6184

110.0134,
110.6060, 132.4421

33.3222, 32.7574,
41.0893

139.3974,
140.6356, 167.1905

22.5338, 21.9407,
28.0687

173.5965,
175.6609, 207.5402

14.3685, 13.8133,
18.1379

212.9762,
216.0663, 253.9095

8.4608, 7.9909,
10.8786

257.9018,
262.2363, 306.7171

4.4455, 4.0891,
5.8721

308.7386,

1.9571, 1.7236,

314.5552, 366.3815

2.6999

365.8520,
373.4074, 433.3212

■ 0.6097, 0.4388,
0.9434

■ 0.0000, 0.0000,
0.0000

■ 64.2296, 63.9966,
78.0746

■ 64.2296, 63.9966,
78.0746

■ 58.1272, 53.5203,
76.3751

■ 71.1169, 75.9997,
80.0294

■ 52.7724, 44.4991,
74.9160

■ 78.8135, 89.5807,
82.2451

■ 48.1330, 36.8684,
73.6877

■ 81.8213, 93.7423,
82.8899

■ 44.1725, 30.5548,
72.6778

■ 83.0984, 94.4007,
82.9497

40.8507, 25.4787,
71.8731

84.4040, 95.0738,
83.0108

38.1232, 21.5514,
71.2588

85.7382, 95.7616,
83.0732

35.9397, 18.6726,
70.8182

87.1013, 96.4643,
83.1370

34.2410, 16.7244,
70.5317

88.4935, 97.1820,
83.2021

32.9463, 15.5452,
70.3723

89.9148, 97.9147,
83.2687

Harmonies

Analogous

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



62.3224, 63.9966, 82.1371



64.2296, 63.9966, 78.0746



65.2329, 63.9966, 71.9154

Triad

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



64.2296, 63.9966, 78.0746



61.6020, 63.9966, 58.0684



56.8058, 63.9966, 74.0168

Complementary

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



64.2296, 63.9966, 78.0746



63.1554, 70.0619, 67.9554

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.



56.6238, 63.9966, 67.4942



64.2296, 63.9966, 78.0746



59.3555, 63.9966, 58.5533

Square

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



64.2296, 63.9966, 78.0746



63.6909, 63.9966, 60.5438



57.5465, 63.9966, 61.9124



58.0499, 63.9966, 79.6951

Rectangle

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



64.2296, 63.9966, 78.0746



65.2375, 63.9966, 67.5648



57.5465, 63.9966, 61.9124



56.6196, 63.9966, 71.8418

Sweetspot

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



64.2315, 63.9994, 78.0760



93.1142, 96.6188, 108.3494



60.9486, 63.4246, 78.1381



19.9506, 20.7158, 23.1970



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.



64.2315, 63.9994, 78.0760



86.6862, 85.4613, 106.5346



64.4320, 64.1848, 74.3792



14.0453, 13.8069, 17.3124



19.4905, 9.1430, 41.7859



1.4140, 0.6662, 2.8993

Inverse Universe

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



63.3429, 63.7491, 68.6438



85.2656, 85.0633, 91.3582



62.9810, 69.8956, 71.3977



13.8055, 13.7398, 14.7459



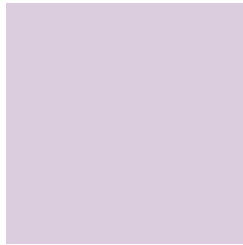
18.1412, 9.3235, 2.1434



1.2871, 0.6581, 0.3047

Previews

White Background



This preview shows how the XYZ color 64.2296, 63.9966, 78.0746 looks on a white background.

Color Contrast Check

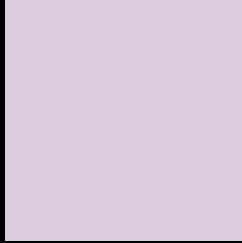
Large Text (above 18pt) WCAG AA × Fail

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 64.2296, 63.9966, 78.0746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

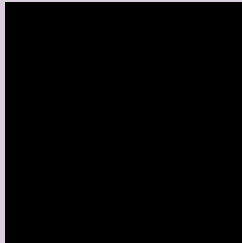
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2296, 63.9966, 78.0746

Background



This preview shows how black text looks on a background with the XYZ color 64.2296, 63.9966, 78.0746.

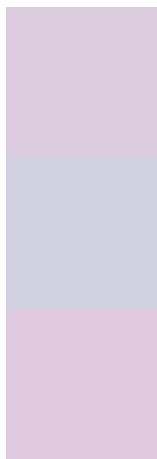


This preview shows how white text looks on a background with the XYZ color 64.2296, 63.9966,

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

64.2296, 63.9966, 78.0746

Protanopia

62.3049, 64.0489, 79.5999

Deuteranopia

65.2812, 63.8331, 77.9876



Tritanopia

64.0959, 63.9432, 77.3707

Trichromacy



Original Color

64.2296, 63.9966, 78.0746

Protanomaly

63.0727, 64.0995, 78.8602

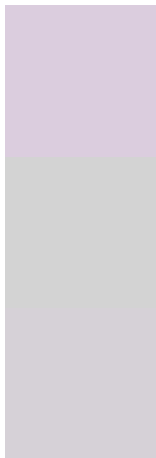
Deuteranomaly

64.9019, 63.9893, 78.0377

Tritanomaly

64.0959, 63.9432, 77.3707

Monochromacy



Original Color

64.2296, 63.9966, 78.0746

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7978, 64.8034, 73.4885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2296, 63.9966, 78.0746 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(219, 205, 222) looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 64.2296, 63.9966, 78.0746 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(219, 205, 222) }
```


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

```
.border{ border-color:rgb(219, 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(219, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 205, 222); box-shadow:4px 4px 4px 4px rgb(219, 205, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2296, 63.9966, 78.0746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 222) }
```

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

```
.background{ background-color: rgb(219,  
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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