

Converting Colors

XYZ(64.6169, 63.0143, 83.6202)

Have a look what the booklet for
XYZ(64.6169, 63.0143, 83.6202)
contains.

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Color

**XYZ(64.6169, 63.0143,
83.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCAE6
RGB	219, 202, 230
RGB Percent	86%, 79%, 90%
CMY	0.1412, 0.2078, 0.0980
CMYK	0.05, 0.12, 0.00, 0.10
HSL	276°, 36%, 85%
HSV	276°, 12%, 90%
XYZ	64.6169, 63.0143, 83.6202
YIQ	210.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

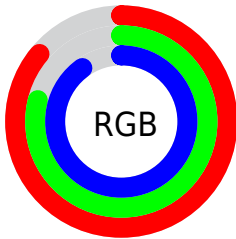
Format	Color
R _Y B	219, 202, 230
Decimal	14404326
CIE Lab	83.45, 10.99, -11.69
CIE LCh	83, 16.040, 313.226
Yxy	63.0143, 0.3059, 0.2983
Android (android.graphics.Color)	4292594406 (0xFFDBC4E6)
YUV	210.2750, 9.7244, 7.6518
Hunter-Lab	79.3815, 6.3820, -6.8888

Details

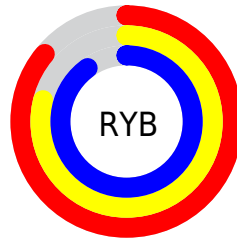
The XYZ color **64.6169, 63.0143, 83.6202** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.4003, 75.0056, 66.8581**, and the grayscale version is **61.3784, 64.5748, 70.3220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5397, 32.1283, 44.4780** is the 20% darker color. If you saturate the color by 10%, you get **56.9726, 51.6519, 81.8309**, and if you desaturate by 10%, it is **73.2168, 76.0667, 85.6873**.

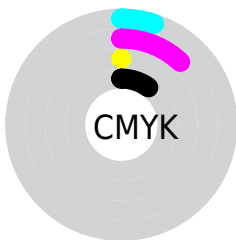
Distribution



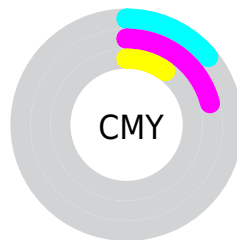
- Red (86%)
- Green (79%)
- Blue (90%)



- Red (86%)
- Yellow (79%)
- Blue (90%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6169, 63.0143, 83.6202 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 64.6169, 63.0143, 83.6202 by changing the saturation by 10% instead.

■ 64.6169, 63.0143,
83.6202

■ 64.6169, 63.0143,
83.6202

430.9810,
435.6214, 527.0762

■ 47.4140, 45.8528,
62.1583

110.5677,
109.1901, 140.3008

■ 33.5724, 32.1297,
44.7240

140.0463,
138.9733, 176.3565

■ 22.7266, 21.4606,
30.8988

174.3476,
173.7323, 218.1140

■ 14.5114, 13.4611,
20.2639

213.8369,
213.8518, 265.9918

■ 8.5613, 7.7468,
12.4011

258.8795,
259.7161, 320.4083

■ 4.5109, 3.9334,
6.8916

309.8408,

■ 1.9951, 1.6364,

311.7095, 381.7822

3.3170

367.0862,
370.2164, 450.5320

■ 0.6312, 0.3819,
1.2587

■ 0.0000, 0.0000,
0.0276

■ 64.6169, 63.0143,
83.6202

■ 64.6169, 63.0143,
83.6202

■ 56.9726, 51.6519,
81.8309

■ 73.2168, 76.0667,
85.6873

■ 50.2406, 41.8994,
80.3033

■ 82.8022, 90.8687,
88.0391

■ 44.3822, 33.6820,
79.0259

■ 88.0882, 96.8462,
88.9143

■ 39.3537, 26.9157,
77.9849

■ 91.2831, 98.4932,
89.0638

■ 35.1070, 21.5083,
77.1650

■ 31.5886, 17.3566,
76.5491

■ 28.7374, 14.3420,
76.1175

■ 26.4801, 12.3222,
75.8466

■ 25.0371, 11.2571,
75.7171

Harmonies

Analogous

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



61.4447, 63.0143, 89.1149



64.6169, 63.0143, 83.6202



66.5638, 63.0143, 74.3201

Triad

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



64.6169, 63.0143, 83.6202



61.8545, 63.0143, 51.7780



53.5837, 63.0143, 73.1124

Complementary

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



64.6169, 63.0143, 83.6202



66.4003, 75.0056, 66.8581

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.



53.6838, 63.0143, 63.2037



64.6169, 63.0143, 83.6202



58.3680, 63.0143, 51.5227

Square

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



64.6169, 63.0143, 83.6202



64.9270, 63.0143, 56.2512



55.4055, 63.0143, 55.5162



55.1266, 63.0143, 82.6623

Rectangle

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



64.6169, 63.0143, 83.6202



66.8598, 63.0143, 67.5339



55.4055, 63.0143, 55.5162



53.4282, 63.0143, 69.7013

Sweetspot

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



64.6188, 63.0170, 83.6216



90.4229, 92.9117, 107.7757



62.4870, 65.9614, 84.3023



19.1728, 19.6101, 23.0246



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.



64.6188, 63.0170, 83.6216



78.7241, 75.2373, 104.9808



67.6482, 64.6238, 81.7273



14.4183, 14.3179, 18.1480



14.3155, 6.4458, 42.8728



1.1615, 0.5297, 3.1730

Inverse Universe

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



65.7660, 63.8709, 71.8158



80.5224, 76.5705, 86.7143



63.6515, 73.5499, 68.4758



14.6103, 14.4613, 16.1483



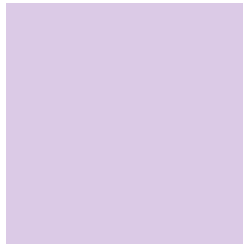
19.5847, 9.9681, 6.7078



1.4918, 0.7544, 0.7306

Previews

White Background



This preview shows how the XYZ color 64.6169, 63.0143, 83.6202 looks on a white background.

Color Contrast Check

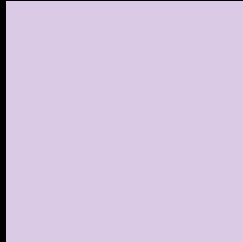
Large Text (above 18pt) WCAG AA × Fail

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 64.6169, 63.0143, 83.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

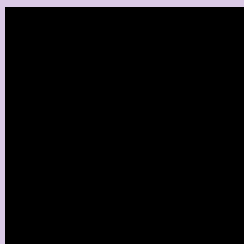
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6169, 63.0143, 83.6202

Background



This preview shows how black text looks on a background with the XYZ color 64.6169, 63.0143, 83.6202.



This preview shows how white text looks on a background with the XYZ color 64.6169, 63.0143,

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

64.6169, 63.0143, 83.6202

Protanopia

61.6811, 62.8632, 85.9737

Deuteranopia

64.3169, 62.8597, 83.6062



Tritanopia

63.1264, 63.1048, 76.5635

Trichromacy



Original Color

64.6169, 63.0143, 83.6202

Protanomaly

62.6913, 63.0441, 85.2085

Deuteranomaly

64.3169, 62.8597, 83.6062

Tritanomaly

63.7239, 62.9991, 79.3224

Monochromacy



Original Color

64.6169, 63.0143, 83.6202

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.2778, 63.7815, 74.6743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6169, 63.0143, 83.6202 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, 202, 230) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 230)  
}
```

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, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 230) }
```

Border

The CSS property to change the border of an element to XYZ 64.6169, 63.0143, 83.6202 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, 202, 230) }
```


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

```
.border{ border-color:rgb(219, 202, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6169, 63.0143, 83.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 230) }
```

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

```
.background{ background-color: rgb(219,  
202, 230) }
```

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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