

Converting Colors

XYZ(64.0903, 62.8385, 79.2721)

Have a look what the booklet for
XYZ(64.0903, 62.8385, 79.2721)
contains.

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Color

**XYZ(64.0903, 62.8385,
79.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCAEO
RGB	220, 202, 224
RGB Percent	86%, 79%, 88%
CMY	0.1372, 0.2078, 0.1216
CMYK	0.02, 0.10, 0.00, 0.12
HSL	289°, 26%, 84%
HSV	289°, 10%, 88%
XYZ	64.0903, 62.8385, 79.2721
YIQ	209.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

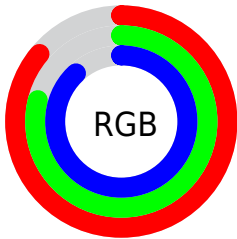
Format	Color
R _Y B	220, 202, 224
Decimal	14469856
CIE Lab	83.36, 10.19, -8.62
CIE LCh	83, 13.342, 319.776
Yxy	62.8385, 0.3108, 0.3047
Android (android.graphics.Color)	4292659936 (0xFFDCCA E0)
YUV	209.8900, 6.9562, 8.8665
Hunter-Lab	79.2707, 5.5932, -3.8015

Details

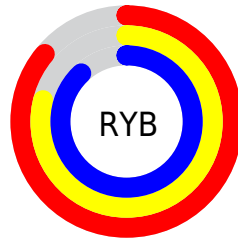
The XYZ color **64.0903, 62.8385, 79.2721** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7721, 70.6990, 66.2180**, and the grayscale version is **61.1421, 64.3262, 70.0513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2684, 32.0437, 41.9677** is the 20% darker color. If you saturate the color by 10%, you get **57.9942, 52.4532, 77.5898**, and if you desaturate by 10%, it is **70.9830, 74.7705, 81.2129**.

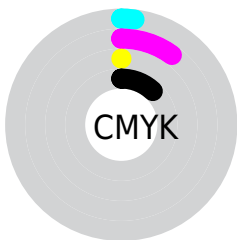
Distribution



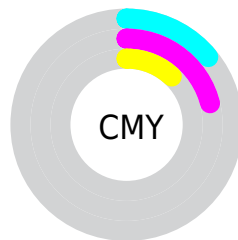
- Red (86%)
- Green (79%)
- Blue (88%)



- Red (86%)
- Yellow (79%)
- Blue (88%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0903, 62.8385, 79.2721 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 64.0903, 62.8385, 79.2721 by changing the saturation by 10% instead.

64.0903, 62.8385,
79.2721

64.0903, 62.8385,
79.2721

429.1127,
434.9831, 512.1183

46.9858, 45.7106,
58.5969

109.8140,
108.9365, 134.1440

33.2323, 32.0175,
41.8708

139.1638,
138.6753, 169.1778

22.4646, 21.3749,
28.6754

173.3262,
173.3866, 209.8348

14.3172, 13.3983,
18.5919

212.6664,
213.4547, 256.5337

8.4248, 7.7034,
11.2020

257.5498,
259.2640, 309.6930

4.4220, 3.9057,
6.0870

308.3417,

1.9435, 1.6210,

311.1989, 369.7311

2.8284

365.4076,
369.6438, 437.0667

■ 0.6019, 0.3717,
1.0077

■ 0.0000, 0.0000,
0.0000

■ 64.0903, 62.8385,
79.2721

■ 64.0903, 62.8385,
79.2721

■ 57.9942, 52.4532,
77.5898

■ 70.9830, 74.7705,
81.2129

■ 52.6562, 43.5408,
76.1509

■ 78.6977, 88.3025,
83.4182

■ 48.0428, 36.0338,
74.9450

■ 82.5651, 94.0947,
84.3324

■ 44.1160, 29.8561,
73.9596

■ 83.9044, 94.7851,
84.3950

40.8338, 24.9244,
73.1806

85.2745, 95.4914,
84.4592

38.1496, 21.1458,
72.5928

86.6757, 96.2137,
84.5247

36.0104, 18.4144,
72.1783

88.1081, 96.9522,
84.5918

34.3531, 16.6045,
71.9163

89.5720, 97.7068,
84.6603

33.0697, 15.5003,
71.7708

90.4547, 98.1619,
84.7016

Harmonies

Analogous

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



61.6347, 62.8385, 84.5936



64.0903, 62.8385, 79.2721



65.3896, 62.8385, 71.2974

Triad

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



64.0903, 62.8385, 79.2721



60.7224, 62.8385, 53.8629



54.6258, 62.8385, 73.9731

Complementary

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



64.0903, 62.8385, 79.2721



62.7721, 70.6990, 66.2180

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.



54.3994, 62.8385, 65.6219



64.0903, 62.8385, 79.2721



57.8573, 62.8385, 54.4524

Square

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



64.0903, 62.8385, 79.2721



63.4039, 62.8385, 56.9258



55.5647, 62.8385, 58.6073



56.1934, 62.8385, 81.3668

Rectangle

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



64.0903, 62.8385, 79.2721



65.3977, 62.8385, 65.7417



55.5647, 62.8385, 58.6073



54.3923, 62.8385, 71.1709

Sweetspot

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



64.0921, 62.8412, 79.2735



92.1480, 94.9529, 108.0788



59.8936, 62.0999, 79.3517



19.5611, 20.0422, 23.0875



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.



64.0921, 62.8412, 79.2735



84.0358, 80.9665, 105.8067



64.3916, 63.1025, 74.4563



14.0378, 13.8031, 17.3121



19.3257, 9.0581, 41.7782



1.4040, 0.6611, 2.8988

Inverse Universe

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



63.0037, 62.5474, 67.1476



82.2812, 80.4977, 86.0373



62.5194, 70.4712, 70.6096



13.8085, 13.7410, 14.7618



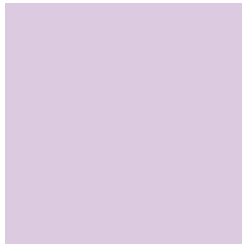
18.1538, 9.3285, 2.2098



1.2885, 0.6587, 0.3122

Previews

White Background



This preview shows how the XYZ color 64.0903, 62.8385, 79.2721 looks on a white background.

Color Contrast Check

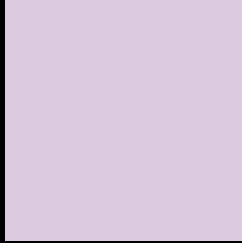
Large Text (above 18pt) WCAG AA × Fail

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 64.0903, 62.8385, 79.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

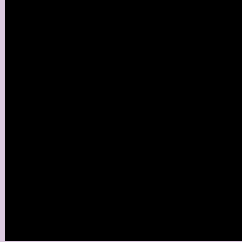
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0903, 62.8385, 79.2721

Background



This preview shows how black text looks on a background with the XYZ color 64.0903, 62.8385, 79.2721.



This preview shows how white text looks on a background with the XYZ color 64.0903, 62.8385,

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

64.0903, 62.8385, 79.2721

Protanopia

61.3900, 62.8105, 81.5611

Deuteranopia

64.0903, 62.8385, 79.2721



Tritanopia

63.3555, 62.8864, 75.8169

Trichromacy



Original Color

64.0903, 62.8385, 79.2721

Protanomaly

62.4228, 63.0025, 80.8222

Deuteranomaly

64.0903, 62.8385, 79.2721

Tritanomaly

63.6205, 62.9924, 77.2122

Monochromacy



Original Color

64.0903, 62.8385, 79.2721

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3101, 63.8281, 73.3259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0903, 62.8385, 79.2721 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(220, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 224)  
}
```

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(220, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 224) }
```

Border

The CSS property to change the border of an element to XYZ 64.0903, 62.8385, 79.2721 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(220, 202, 224) }
```


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

```
.border{ border-color:rgb(220, 202, 224) }
```

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

Here you see how a box with a 4 pixel rgb(220, 202, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0903, 62.8385, 79.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 224) }
```

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

```
.background{ background-color: rgb(220,  
202, 224) }
```

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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