

Converting Colors

XYZ(64.0528, 63.0082, 77.1099)

Have a look what the booklet for
XYZ(64.0528, 63.0082, 77.1099)
contains.

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Color

**XYZ(63.9905, 62.8337,
77.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCADD
RGB	221, 202, 221
RGB Percent	87%, 79%, 87%
CMY	0.1333, 0.2078, 0.1333
CMYK	0.00, 0.09, 0.00, 0.13
HSL	300°, 22%, 83%
HSV	300°, 9%, 87%
XYZ	63.9905, 62.8337, 77.1621
YIQ	209.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

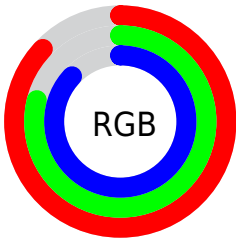
Format	Color
R _{YB}	221, 202, 221
Decimal	14535389
CIE Lab	83.35, 9.97, -7.01
CIE LCh	83, 12.188, 324.891
Yxy	62.8337, 0.3137, 0.3080
Android (android.graphics.Color)	4292725469 (0xFFDDCADD)
YUV	209.8470, 5.4984, 9.7812
Hunter-Lab	79.2677, 5.3793, -2.2277

Details

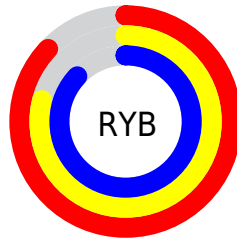
The XYZ color **63.9905, 62.8337, 77.1621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8767, 68.5355, 65.9005**, and the grayscale version is **61.1225, 64.3056, 70.0288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1987, 32.0400, 40.5110** is the 20% darker color. If you saturate the color by 10%, you get **59.1727, 53.1971, 75.5568**, and if you desaturate by 10%, it is **69.5546, 73.9609, 79.0176**.

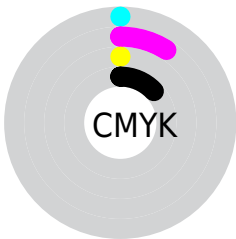
Distribution



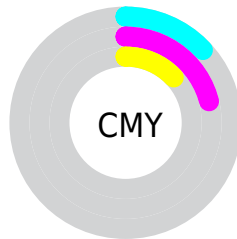
- Red (87%)
- Green (79%)
- Blue (87%)



- Red (87%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9905, 62.8337, 77.1621 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 63.9905, 62.8337, 77.1621 by changing the saturation by 10% instead.

63.9905, 62.8337,
77.1621

63.9905, 62.8337,
77.1621

428.7581,
434.9657, 504.7689

46.9046, 45.7067,
56.8736

109.6711,
108.9296, 131.1434

33.1679, 32.0144,
40.4951

138.9965,
138.6672, 165.6732

22.4149, 21.3725,
27.6080

173.1324,
173.3771, 205.7872

14.2804, 13.3966,
17.7939

212.4443,
213.4438, 251.9039

8.3990, 7.7022,
10.6342

257.2975,
259.2516, 304.4419

4.4052, 3.9050,
5.7104

308.0572,

1.9338, 1.6206,

311.1850, 363.8197

2.6039

365.0890,
369.6282, 430.4559

■ 0.5964, 0.3714,
0.8944

■ 0.0000, 0.0000,
0.0000

■ 63.9905, 62.8337,
77.1621

■ 63.9905, 62.8337,
77.1621

■ 59.1727, 53.1971,
75.5568

■ 69.5546, 73.9609,
79.0176

■ 55.0641, 44.9801,
74.1872

■ 75.8889, 86.6295,
81.1292

■ 51.6332, 38.1182,
73.0435

■ 78.6306, 92.1129,
82.0432

■ 48.8433, 32.5385,
72.1134

■ 78.6307, 92.1130,
82.0433

46.6548, 28.1616,
71.3838

78.6307, 92.1130,
82.0434

45.0235, 24.8990,
70.8400

78.6307, 92.1130,
82.0435

43.8992, 22.6503,
70.4651

78.6307, 92.1130,
82.0436

43.2224, 21.2969,
70.2394

78.6307, 92.1130,
82.0437

42.9041, 20.6602,
70.1332

78.6308, 92.1130,
82.0438

Harmonies

Analogous

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



61.8934, 62.8337, 82.5347



63.9905, 62.8337, 77.1621



64.9454, 62.8337, 69.7240

Triad

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



63.9905, 62.8337, 77.1621



60.1768, 62.8337, 54.8770



55.2147, 62.8337, 74.7471

Complementary

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



63.9905, 62.8337, 77.1621



60.8767, 68.5355, 65.9005

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.



54.7856, 62.8337, 67.1229



63.9905, 62.8337, 77.1621



57.6011, 62.8337, 56.0055

Square

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



63.9905, 62.8337, 77.1621



62.7023, 62.8337, 57.1513



55.6468, 62.8337, 60.3557



56.8368, 62.8337, 81.0697

Rectangle

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



63.9905, 62.8337, 77.1621



64.7859, 62.8337, 64.7309



55.6468, 62.8337, 60.3557



54.9283, 62.8337, 72.2367

Sweetspot

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



63.9923, 62.8364, 77.1635



92.6579, 95.2158, 108.1026



58.5316, 60.0213, 76.9080



19.6992, 20.1134, 23.0939



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.



63.9923, 62.8364, 77.1635



87.4478, 84.7957, 106.3658



62.7621, 62.3443, 70.6851



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7342



1.6134, 0.7750, 2.6390

Inverse Universe

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



63.9923, 62.8364, 77.1635



87.4478, 84.7957, 106.3658



62.0365, 68.9994, 72.0079



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7342



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 63.9905, 62.8337, 77.1621 looks on a white background.

Color Contrast Check

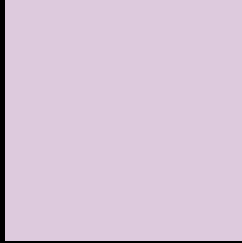
Large Text (above 18pt) WCAG AA × Fail

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 63.9905, 62.8337, 77.1621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

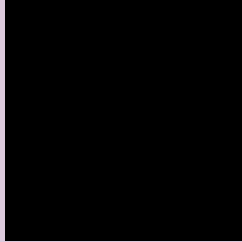
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9905, 62.8337, 77.1621

Background



This preview shows how black text looks on a background with the XYZ color 63.9905, 62.8337, 77.1621.



This preview shows how white text looks on a background with the XYZ color 63.9905, 62.8337,

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

63.9905, 62.8337, 77.1621

Protanopia

61.2580, 62.7898, 79.4120

Deuteranopia

64.2959, 62.9911, 77.1764



Tritanopia

63.5942, 62.6752, 75.0754

Trichromacy



Original Color

63.9905, 62.8337, 77.1621

Protanomaly

62.3020, 62.9874, 78.6862

Deuteranomaly

64.2959, 62.9911, 77.1764

Tritanomaly

63.7255, 62.7277, 75.7668

Monochromacy



Original Color

63.9905, 62.8337, 77.1621

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.1820, 63.7768, 72.6511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9905, 62.8337, 77.1621 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, 202, 221) looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 221)  
}
```

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, 202, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.9905, 62.8337, 77.1621 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, 202, 221) }
```


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

```
.border{ border-color:rgb(221, 202, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9905, 62.8337, 77.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 221) }
```

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

```
.background{ background-color: rgb(221,  
202, 221) }
```

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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