

Converting Colors

XYZ(63.5876, 62.3764, 75.9500)

Have a look what the booklet for
XYZ(63.5876, 62.3764, 75.9500)
contains.

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Color

**XYZ(63.4916, 62.2599,
75.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC9DB
RGB	221, 201, 219
RGB Percent	87%, 79%, 86%
CMY	0.1333, 0.2117, 0.1412
CMYK	0.00, 0.09, 0.01, 0.13
HSL	306°, 23%, 83%
HSV	306°, 9%, 87%
XYZ	63.4916, 62.2599, 75.6888
YIQ	209.0320, 6.1420, 9.8380

Conversions

Conversions Part 2

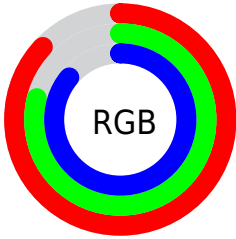
Format	Color
R _Y B	221, 201, 219
Decimal	14535131
CIE Lab	83.05, 10.14, -6.39
CIE LCh	83, 11.982, 327.769
Yxy	62.2599, 0.3152, 0.3091
Android (android.graphics.Color)	4292725211 (0xFFD9C9DB)
YUV	209.0320, 4.9142, 10.4959
Hunter-Lab	78.9049, 5.5480, -1.6399

Details

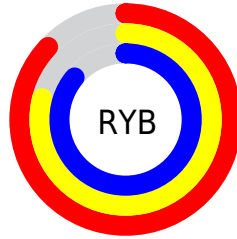
The XYZ color **63.4916, 62.2599, 75.6888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7257, 68.4439, 66.5136**, and the grayscale version is **60.5929, 63.7484, 69.4220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8604, 31.6548, 39.5000** is the 20% darker color. If you saturate the color by 10%, you get **58.4175, 52.5734, 72.5718**, and if you desaturate by 10%, it is **69.3144, 73.4358, 79.0759**.

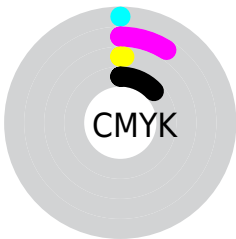
Distribution



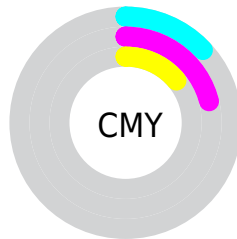
- Red (87%)
- Green (79%)
- Blue (86%)



- Red (87%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4916, 62.2599, 75.6888 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 63.4916, 62.2599, 75.6888 by changing the saturation by 10% instead.

63.4916, 62.2599,
75.6888

63.4916, 62.2599,
75.6888

426.9828,
432.8785, 499.6002

46.4992, 45.2427,
55.6722

108.9563,
108.1011, 129.0430

32.8462, 31.6487,
39.5380

138.1592,
137.6939, 163.2176

22.1673, 21.0933,
26.8674

172.1630,
172.2473, 202.9488

14.0972, 13.1922,
17.2421

211.3331,
212.1459, 248.6549

8.2704, 7.5610,
10.2435

256.0347,
257.7738, 300.7546

4.3217, 3.8154,
5.4530

306.6333,

1.8857, 1.5708,

309.5157, 359.6663

2.4521

363.4942,
367.7558, 425.8087

■ 0.5685, 0.3378,
0.8146

■ 0.0000, 0.0000,
0.0000

■ 63.4916, 62.2599,
75.6888

■ 63.4916, 62.2599,
75.6888

■ 58.4175, 52.5734,
72.5718

■ 69.3144, 73.4358,
79.0759

■ 54.0551, 44.3051,
69.7103

■ 75.9101, 86.1521,
82.7391

■ 50.3724, 37.3902,
67.0943

■ 79.2563, 92.3632,
85.3383

■ 47.3330, 31.7557,
64.7116

■ 79.5611, 92.4851,
86.9429

44.8969, 27.3216,
62.5487

79.8697, 92.6086,
88.5682

43.0197, 23.9992,
60.5908

80.1823, 92.7336,
90.2143

41.6506, 21.6872,
58.8210

80.4988, 92.8602,
91.8812

40.7300, 20.2661,
57.2192

80.8193, 92.9884,
93.5689

40.1632, 19.5465,
55.7538

81.1438, 93.1182,
95.2776

Harmonies

Analogous

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



61.5280, 62.2599, 81.2161



63.4916, 62.2599, 75.6888



64.2956, 62.2599, 68.3473

Triad

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



63.4916, 62.2599, 75.6888



59.3703, 62.2599, 54.5085



54.8762, 62.2599, 74.6583

Complementary

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



63.4916, 62.2599, 75.6888



60.7257, 68.4439, 66.5136

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.



54.3359, 62.2599, 67.2366



63.4916, 62.2599, 75.6888



56.8851, 62.2599, 55.9324

Square

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



63.4916, 62.2599, 75.6888



61.8733, 62.2599, 56.4224



55.0608, 62.2599, 60.4616



56.5585, 62.2599, 80.5913

Rectangle

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



63.4916, 62.2599, 75.6888



64.0487, 62.2599, 63.5283



55.0608, 62.2599, 60.4616



54.5572, 62.2599, 72.2391

Sweetspot

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



63.4934, 62.2626, 75.6901



92.5349, 95.1666, 107.4551



58.5691, 59.6934, 76.8426



19.6659, 20.1001, 22.9184



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.



63.4934, 62.2626, 75.6901



86.2969, 83.2114, 103.7701



62.2161, 61.7517, 68.9641



13.5553, 13.2512, 16.1855



23.3277, 11.3321, 32.4352



1.5279, 0.7408, 2.1887

Inverse Universe

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



63.4934, 62.2626, 75.6901



86.2969, 83.2114, 103.7701



61.9562, 68.9361, 72.9933



13.5553, 13.2512, 16.1855



23.3277, 11.3321, 32.4352



1.5279, 0.7408, 2.1887

Previews

White Background



This preview shows how the XYZ color 63.4916, 62.2599, 75.6888 looks on a white background.

Color Contrast Check

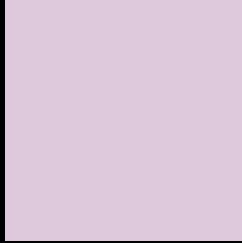
Large Text (above 18pt) WCAG AA × Fail

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 63.4916, 62.2599, 75.6888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

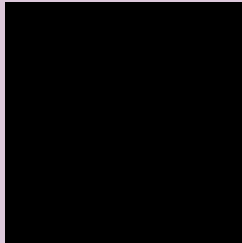
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4916, 62.2599, 75.6888

Background



This preview shows how black text looks on a background with the XYZ color 63.4916, 62.2599, 75.6888.



This preview shows how white text looks on a background with the XYZ color 63.4916, 62.2599,

75.6888.

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

63.4916, 62.2599, 75.6888

Protanopia

60.7097, 62.5384, 77.9786

Deuteranopia

63.4916, 62.2599, 75.6888



Tritanopia

63.2298, 62.1552, 74.3102

Trichromacy



Original Color

63.4916, 62.2599, 75.6888

Protanomaly

61.5080, 62.2551, 77.1812

Deuteranomaly

63.4916, 62.2599, 75.6888

Tritanomaly

63.3603, 62.2074, 74.9974

Monochromacy



Original Color

63.4916, 62.2599, 75.6888

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.5221, 63.0928, 71.8864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4916, 62.2599, 75.6888 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, 201, 219)` looks like.

```
.text, #text, p{  
    color:rgb(221, 201, 219)  
}
```

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, 201, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 201, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.4916, 62.2599, 75.6888 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, 201, 219) }
```


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

```
.border{ border-color:rgb(221, 201, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 201, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 201, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 201, 219);  
box-shadow:4px 4px 4px 4px rgb(221, 201,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4916, 62.2599, 75.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 201, 219) }
```

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

```
.background{ background-color: rgb(221,  
201, 219) }
```

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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