

Converting Colors

XYZ(63.7293, 68.8039, 69.3793)

Have a look what the booklet for
XYZ(63.7293, 68.8039, 69.3793)
contains.

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Color

**XYZ(63.6079, 68.6939,
69.5813)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DAD0
RGB	212, 218, 208
RGB Percent	83%, 85%, 82%
CMY	0.1686, 0.1451, 0.1843
CMYK	0.03, 0.00, 0.05, 0.15
HSL	96°, 12%, 84%
HSV	96°, 5%, 85%
XYZ	63.6079, 68.6939, 69.5813
YIQ	215.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

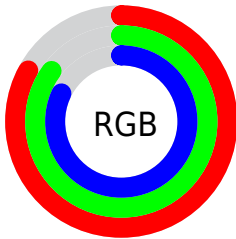
Format	Color
R _Y B	208, 218, 214
Decimal	13949648
CIE Lab	86.35, -3.83, 4.20
CIE LCh	86, 5.681, 132.323
Yxy	68.6939, 0.3151, 0.3403
Android (android.graphics.Color)	4292139728 (0xFFD4DAD0)
YUV	215.0660, -3.4835, -2.6889
Hunter-Lab	82.8818, -8.0527, 8.2418

Details

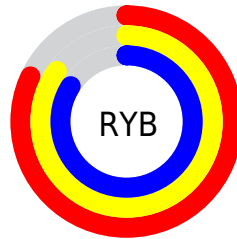
The XYZ color **63.6079, 68.6939, 69.5813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9451, 64.4718, 75.4600**, and the grayscale version is **64.6606, 68.0280, 74.0825**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8346, 35.6956, 35.7312** is the 20% darker color. If you saturate the color by 10%, you get **57.4881, 65.8299, 56.2431**, and if you desaturate by 10%, it is **70.4060, 71.8689, 84.8786**.

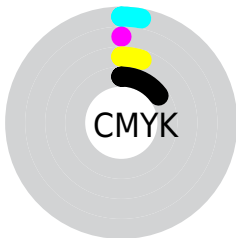
Distribution



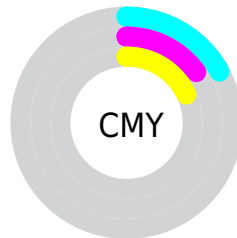
- Red (83%)
- Green (85%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (84%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6079, 68.6939, 69.5813 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 63.6079, 68.6939, 69.5813 by changing the saturation by 10% instead.

■ 63.6079, 68.6939,
69.5813

■ 63.6079, 68.6939,
69.5813

427.3970,
455.9506, 477.8279

■ 46.5937, 50.4625,
50.7106

109.1230,
117.3443, 120.2870

■ 32.9211, 35.7810,
35.6032

138.3545,
148.5320, 152.9590

■ 22.2250, 24.2651,
23.8406

172.3891,
184.8073, 191.0685

■ 14.1398, 15.5304,
15.0043

211.5923,
226.5545, 235.0341

■ 8.3003, 9.1925,
8.6758

256.3293,
274.1580, 285.2743

■ 4.3411, 4.8669,
4.4364

306.9655,

■ 1.8969, 2.1694,

328.0023, 342.2076

1.8677

363.8663,
388.4717, 406.2526

■ 0.5750, 0.7032,
0.4720

■ 0.0000, 0.0000,
0.0000

■ 63.6079, 68.6939,
69.5813

■ 63.6079, 68.6939,
69.5813

■ 57.4881, 65.8299,
56.2431

■ 70.4060, 71.8689,
84.8786

■ 52.0187, 63.2584,
44.7804

■ 77.8976, 75.3552,
102.2051

■ 47.1782, 60.9720,
35.1103

■ 82.9983, 77.9221,
105.2737

■ 42.9416, 58.9599,
27.1419

■ 84.3627, 78.6255,
105.3376

■ 39.2820, 57.2105,
20.7765

■ 36.1703, 55.7110,
15.9049

■ 33.5745, 54.4476,
12.4045

■ 31.4582, 53.4046,
10.1332

■ 29.7786, 52.5639,
8.9177

Harmonies

Analogous

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



64.7546, 68.6939, 67.9585



63.6079, 68.6939, 69.5813



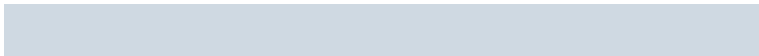
62.9177, 68.6939, 72.6240

Triad

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



63.6079, 68.6939, 69.5813



64.5286, 68.6939, 81.8917



67.7868, 68.6939, 73.2648

Complementary

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



63.6079, 68.6939, 69.5813



62.9451, 64.4718, 75.4600

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.



67.7243, 68.6939, 77.0109



63.6079, 68.6939, 69.5813



65.8313, 68.6939, 82.0774

Square

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



63.6079, 68.6939, 69.5813



63.4443, 68.6939, 79.7659



67.0045, 68.6939, 80.2649



67.1742, 68.6939, 70.0369

Rectangle

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



63.6079, 68.6939, 69.5813



62.8036, 68.6939, 75.0892



67.0045, 68.6939, 80.2649



67.8442, 68.6939, 74.5035

Sweetspot

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



63.6098, 68.6969, 69.5828



94.0813, 99.5477, 106.7258



64.3479, 67.5554, 69.3236



20.1475, 21.3121, 22.8666



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.



63.6098, 68.6969, 69.5828



89.3855, 97.3532, 96.2845



62.5945, 68.1592, 70.1799



13.7660, 15.0412, 14.7414



17.4978, 31.3180, 5.1227



1.2292, 2.0782, 0.3363

Inverse Universe

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



62.9451, 64.4718, 75.4600



88.1471, 89.4819, 107.2336



63.9963, 65.0288, 74.8278



13.5575, 13.7158, 16.5850



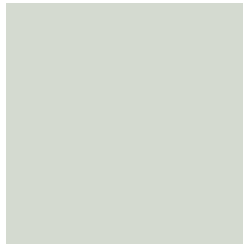
13.2991, 5.9801, 40.1917



0.9578, 0.4370, 2.6083

Previews

White Background



This preview shows how the XYZ color 63.6079, 68.6939, 69.5813 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 63.6079, 68.6939, 69.5813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

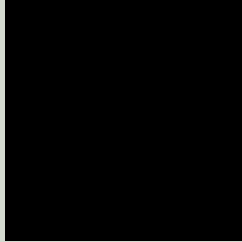
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

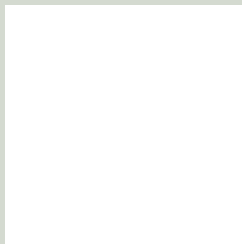
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6079, 68.6939, 69.5813

Background



This preview shows how black text looks on a background with the XYZ color 63.6079, 68.6939, 69.5813.

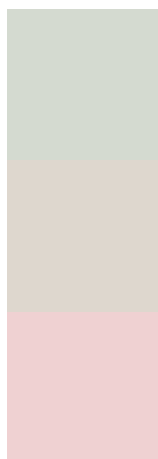


This preview shows how white text looks on a background with the XYZ color 63.6079, 68.6939,

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

63.6079, 68.6939, 69.5813

Protanopia

65.5652, 68.5867, 68.1754

Deuteranopia

70.0299, 68.6048, 70.5238



Tritanopia

66.7893, 68.4616, 85.2955

Trichromacy



Original Color

63.6079, 68.6939, 69.5813

Protanomaly

64.7318, 68.5222, 68.8459

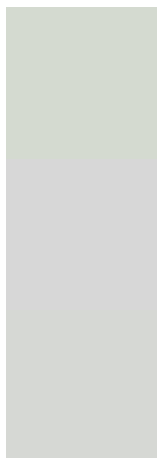
Deuteranomaly

67.3652, 68.3484, 69.9636

Tritanomaly

65.6441, 68.3757, 79.5500

Monochromacy



Original Color

63.6079, 68.6939, 69.5813

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.1711, 68.1613, 72.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6079, 68.6939, 69.5813 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(212, 218, 208) looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 208)  
}
```

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(212, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.6079, 68.6939, 69.5813 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(212, 218, 208) }
```


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

```
.border{ border-color:rgb(212, 218, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6079, 68.6939, 69.5813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 208) }
```

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

```
.background{ background-color: rgb(212,  
218, 208) }
```

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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