

Converting Colors

XYZ(63.9102, 65.6040, 69.5171)

Have a look what the booklet for
XYZ(63.9102, 65.6040, 69.5171)
contains.

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Color

**XYZ(63.8243, 65.4200,
69.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD1D1
RGB	220, 209, 209
RGB Percent	86%, 82%, 82%
CMY	0.1372, 0.1804, 0.1804
CMYK	0.00, 0.05, 0.05, 0.14
HSL	0°, 14%, 84%
HSV	0°, 5%, 86%
XYZ	63.8243, 65.4200, 69.5850
YIQ	212.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

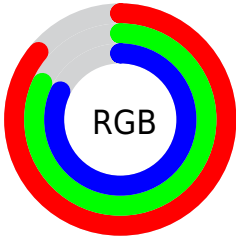
Format	Color
R _Y B	220, 209, 209
Decimal	14471633
CIE Lab	84.70, 3.79, 1.35
CIE LCh	85, 4.026, 19.563
Yxy	65.4200, 0.3210, 0.3290
Android (android.graphics.Color)	4292661713 (0xFFDCD1D1)
YUV	212.2890, -1.6215, 6.7625
Hunter-Lab	80.8826, -0.6907, 5.6094

Details

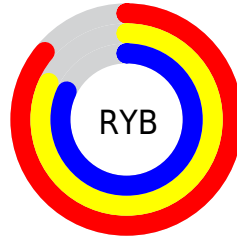
The XYZ color **63.8243, 65.4200, 69.5850** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8059, 69.9080, 77.7890**, and the grayscale version is **62.7805, 66.0499, 71.9284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1548, 33.8086, 35.7886** is the 20% darker color. If you saturate the color by 10%, you get **56.2584, 54.3497, 54.5399**, and if you desaturate by 10%, it is **72.5149, 78.1361, 86.8623**.

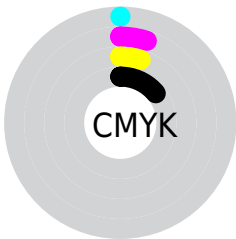
Distribution



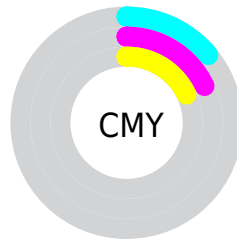
- Red (86%)
- Green (82%)
- Blue (82%)



- Red (86%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8243, 65.4200, 69.5850 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 63.8243, 65.4200, 69.5850 by changing the saturation by 10% instead.

■ 63.8243, 65.4200,
69.5850

■ 63.8243, 65.4200,
69.5850

428.1672,
444.2997, 477.8412

■ 46.7695, 47.8017,
50.7136

109.4330,
112.6535, 120.2923

■ 33.0607, 33.6699,
35.6056

138.7177,
143.0375, 152.9653

■ 22.3324, 22.6401,
23.8424

172.8097,
178.4455, 191.0758

■ 14.2193, 14.3280,
15.0057

212.0743,
219.2619, 235.0425

■ 8.3561, 8.3491,
8.6767

256.8771,
265.8712, 285.2838

■ 4.3773, 4.3192,
4.4370

307.5832,

■ 1.9177, 1.8537,

318.6576, 342.2183

1.8680

364.5581,
378.0057, 406.2646

■ 0.5871, 0.5203,
0.4723

■ 0.0000, 0.0000,
0.0000

■ 63.8243, 65.4200,
69.5850

■ 63.8243, 65.4200,
69.5850

■ 56.2584, 54.3497,
54.5399

■ 72.5149, 78.1361,
86.8623

■ 49.7660, 44.8500,
41.6318

■ 82.3678, 92.5523,
106.4531

■ 44.3002, 36.8522,
30.7653

■ 83.3256, 93.9559,
108.3513

■ 39.8084, 30.2795,
21.8359

■ 36.2336, 25.0484,
14.7297

■ 33.5125, 21.0663,
9.3212

■ 31.5741, 18.2295,
5.4690

■ 30.3358, 16.4169,
3.0088

■ 29.6965, 15.4810,
1.7396

Harmonies

Analogous

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



63.8968, 65.4200, 72.1327



63.8243, 65.4200, 69.5850



63.3087, 65.4200, 67.5261

Triad

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



63.8243, 65.4200, 69.5850



60.8722, 65.4200, 68.0655



61.8668, 65.4200, 76.2162

Complementary

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



63.8243, 65.4200, 69.5850



64.8059, 69.9080, 77.7890

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.



61.0643, 65.4200, 75.0695



63.8243, 65.4200, 69.5850



60.4937, 65.4200, 70.3374

Square

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



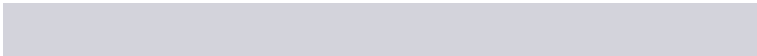
63.8243, 65.4200, 69.5850



61.6022, 65.4200, 66.6636



60.5637, 65.4200, 72.9033



62.7609, 65.4200, 76.0030

Rectangle

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



63.8243, 65.4200, 69.5850



62.7858, 65.4200, 66.6883



60.5637, 65.4200, 72.9033



61.5776, 65.4200, 75.9760

Sweetspot

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



63.8261, 65.4228, 69.5864



93.8343, 98.2212, 106.4828



65.2349, 65.9849, 77.0092



20.0972, 21.0421, 22.8172



0.0000, 0.0000, 0.0000



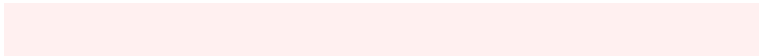
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8261, 65.4228, 69.5864



87.9970, 89.6802, 94.8767



65.1981, 68.1667, 70.0437



13.5331, 13.7496, 14.5044



17.3228, 8.9312, 0.8109



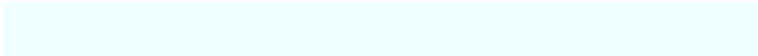
1.1224, 0.5789, 0.0526

Inverse Universe

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



64.8059, 69.9080, 77.7890



89.6417, 97.2095, 108.6464



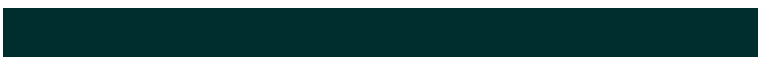
63.3870, 67.0702, 77.3161



13.8100, 15.0174, 16.8229



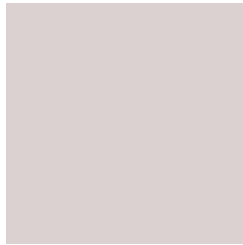
22.5906, 33.0507, 44.9272



1.4637, 2.1414, 2.9106

Previews

White Background



This preview shows how the XYZ color 63.8243, 65.4200, 69.5850 looks on a white background.

Color Contrast Check

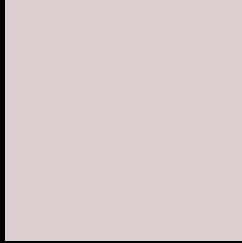
Large Text (above 18pt) WCAG AA × Fail

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 63.8243, 65.4200, 69.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

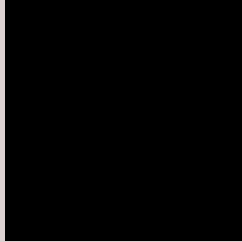
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

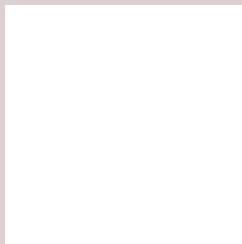
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8243, 65.4200, 69.5850

Background



This preview shows how black text looks on a background with the XYZ color 63.8243, 65.4200, 69.5850.

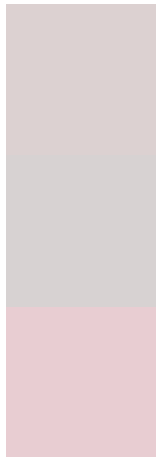


This preview shows how white text looks on a background with the XYZ color 63.8243, 65.4200,

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

63.8243, 65.4200, 69.5850

Protanopia

62.7038, 65.1934, 70.2515

Deuteranopia

66.7429, 65.4716, 70.0923



Tritanopia

65.7563, 65.4830, 78.9858

Trichromacy



Original Color

63.8243, 65.4200, 69.5850

Protanomaly

63.2947, 65.4980, 70.2792

Deuteranomaly

65.6991, 65.2897, 70.1122

Tritanomaly

65.0296, 65.5459, 75.5539

Monochromacy



Original Color

63.8243, 65.4200, 69.5850

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0765, 65.7388, 70.9924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8243, 65.4200, 69.5850 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, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 209)  
}
```

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, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 63.8243, 65.4200, 69.5850 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, 209, 209) }
```


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

```
.border{ border-color:rgb(220, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8243, 65.4200, 69.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 209) }
```

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

```
.background{ background-color: rgb(220,  
209, 209) }
```

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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