

Converting Colors

XYZ(63.4559, 69.0805, 73.0436)

Have a look what the booklet for
XYZ(63.4559, 69.0805, 73.0436)
contains.

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Color

**XYZ(63.3542, 68.8770,
72.9063)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DBD5
RGB	208, 219, 213
RGB Percent	82%, 86%, 84%
CMY	0.1843, 0.1412, 0.1647
CMYK	0.05, 0.00, 0.03, 0.14
HSL	147°, 13%, 84%
HSV	147°, 5%, 86%
XYZ	63.3542, 68.8770, 72.9063
YIQ	215.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

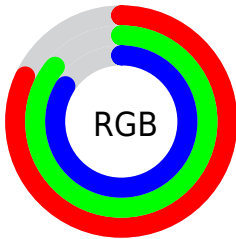
Format	Color
RYB	208, 216, 219
Decimal	13687765
CIELab	86.44, -4.80, 1.66
CIElCh	86, 5.076, 160.967
Yxy	68.8770, 0.3088, 0.3358
Android (android.graphics.Color)	4291877845 (0xFFD0DBD5)
YUV	215.0270, -0.9993, -6.1627
Hunter-Lab	82.9922, -8.9737, 6.0099

Details

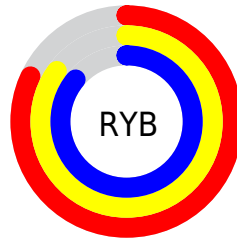
The XYZ color **63.3542, 68.8770, 72.9063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9094, 65.0287, 72.8050**, and the grayscale version is **64.6200, 67.9853, 74.0360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7734, 35.8896, 37.5478** is the 20% darker color. If you saturate the color by 10%, you get **56.1559, 65.3369, 64.9425**, and if you desaturate by 10%, it is **71.5184, 72.9060, 81.5015**.

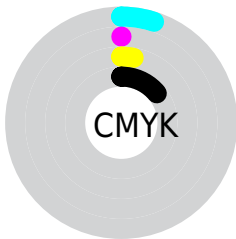
Distribution



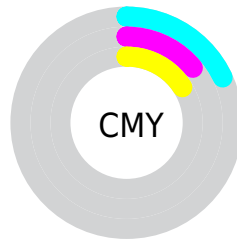
- Red (82%)
- Green (86%)
- Blue (84%)



- Red (82%)
- Yellow (85%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3542, 68.8770, 72.9063 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 63.3542, 68.8770, 72.9063 by changing the saturation by 10% instead.

63.3542, 68.8770,
72.9063

63.3542, 68.8770,
72.9063

426.4931,
456.5970, 489.7521

46.3875, 50.6115,
53.4080

108.7593,
117.6059, 125.0639

32.7577, 35.8996,
37.7386

137.9284,
148.8381, 158.5602

22.0992, 24.3566,
25.4796

171.8958,
185.1613, 197.5596

14.0468, 15.5984,
16.2125

211.0267,
226.9600, 242.4807

8.2352, 9.2404,
9.5187

255.6865,
274.6186, 293.7419

4.2989, 4.8983,
4.9796

306.2406,

1.8726, 2.1877,

328.5213, 351.7619

2.1768

363.0544,
389.0527, 416.9591

■ 0.5608, 0.7133,
0.6609

■ 0.0000, 0.0000,
0.0000

■ 63.3542, 68.8770,
72.9063

■ 63.3542, 68.8770,
72.9063

■ 56.1559, 65.3369,
64.9425

■ 71.5184, 72.9060,
81.5015

■ 49.8807, 62.2582,
57.5915

■ 80.6776, 77.4328,
90.7373

■ 44.4910, 59.6235,
50.8398

■ 83.6480, 78.7557,
100.2908

■ 39.9445, 57.4115,
44.6723

■ 84.6228, 79.1456,
105.4243

■ 36.1950, 55.5986,
39.0728

■ 33.1919, 54.1591,
34.0245

■ 30.8783, 53.0639,
29.5097

■ 29.1887, 52.2797,
25.5095

■ 28.0431, 51.7655,
22.0035

Harmonies

Analogous

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



63.9963, 68.8770, 70.2179



63.3542, 68.8770, 72.9063



63.2738, 68.8770, 76.2323

Triad

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



63.3542, 68.8770, 72.9063



65.8960, 68.8770, 81.5244



67.1852, 68.8770, 70.8352

Complementary

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



63.3542, 68.8770, 72.9063



63.9094, 65.0287, 72.8050

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.



67.7073, 68.8770, 73.7719



63.3542, 68.8770, 72.9063



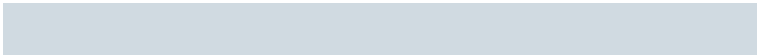
66.9570, 68.8770, 79.9847

Square

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



63.3542, 68.8770, 72.9063



64.7320, 68.8770, 81.2758



67.6232, 68.8770, 77.1239



66.2046, 68.8770, 69.0471

Rectangle

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



63.3542, 68.8770, 72.9063



63.5485, 68.8770, 78.3720



67.6232, 68.8770, 77.1239



67.4207, 68.8770, 71.7171

Sweetspot

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



63.3561, 68.8799, 72.9078



92.7537, 98.8676, 106.4710



64.4653, 69.5240, 69.6973



19.8772, 21.1736, 22.8147



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.



63.3561, 68.8799, 72.9078



88.3283, 96.6868, 101.7218



64.0602, 69.1616, 76.6153



13.5885, 14.9292, 15.6550



16.4242, 30.6023, 12.3992



1.1071, 1.9998, 1.0302

Inverse Universe

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



63.9094, 65.0287, 72.8050



89.2625, 90.1839, 101.5482



63.2244, 64.7547, 69.1977



13.7458, 13.8343, 15.6257



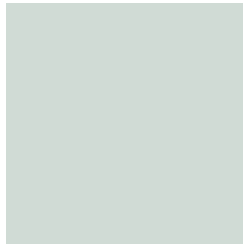
19.3698, 9.7490, 11.5935



1.2981, 0.6489, 0.9789

Previews

White Background



This preview shows how the XYZ color 63.3542, 68.8770, 72.9063 looks on a white background.

Color Contrast Check

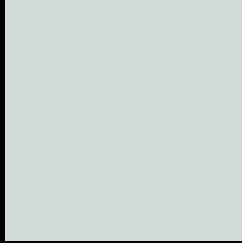
Large Text (above 18pt) WCAG AA × Fail

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 63.3542, 68.8770, 72.9063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

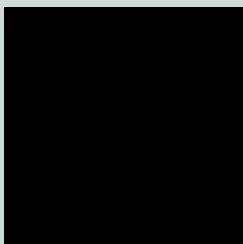
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

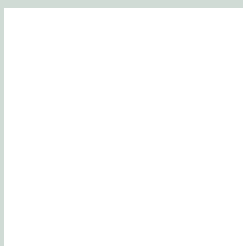
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3542, 68.8770, 72.9063

Background



This preview shows how black text looks on a background with the XYZ color 63.3542, 68.8770, 72.9063.



This preview shows how white text looks on a background with the XYZ color 63.3542, 68.8770,

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

63.3542, 68.8770, 72.9063

Protanopia

65.8771, 68.6762, 71.4117

Deuteranopia

69.9913, 68.5117, 73.8251



Tritanopia

66.1278, 68.8438, 86.8937

Trichromacy



Original Color

63.3542, 68.8770, 72.9063

Protanomaly

64.7584, 68.4641, 72.0891

Deuteranomaly

67.2959, 68.6123, 73.3150

Tritanomaly

65.1187, 68.8183, 81.8027

Monochromacy



Original Color

63.3542, 68.8770, 72.9063

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.8448, 67.9638, 73.3717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3542, 68.8770, 72.9063 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(208, 219, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 213)  
}
```

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(208, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 213) }
```

Border

The CSS property to change the border of an element to XYZ 63.3542, 68.8770, 72.9063 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(208, 219, 213) }
```


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

```
.border{ border-color:rgb(208, 219, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3542, 68.8770, 72.9063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 213) }
```

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

```
.background{ background-color: rgb(208,  
219, 213) }
```

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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