

Converting Colors

XYZ(63.4220, 68.3040, 73.6037)

Have a look what the booklet for
XYZ(63.4220, 68.3040, 73.6037)
contains.

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Color

**XYZ(63.2449, 68.0361,
73.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D9D6
RGB	209, 217, 214
RGB Percent	82%, 85%, 84%
CMY	0.1804, 0.1490, 0.1608
CMYK	0.04, 0.00, 0.01, 0.15
HSL	157°, 10%, 84%
HSV	157°, 4%, 85%
XYZ	63.2449, 68.0361, 73.4172
YIQ	214.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

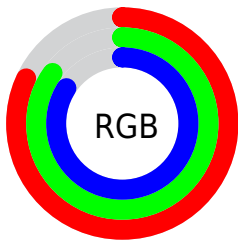
Format	Color
RYB	209, 214, 217
Decimal	13752790
CIELab	86.02, -3.25, 0.53
CIELCh	86, 3.288, 170.795
Yxy	68.0361, 0.3090, 0.3324
Android (android.graphics.Color)	4291942870 (0xFFD1D9D6)
YUV	214.2660, -0.1311, -4.6183
Hunter-Lab	82.4840, -7.4815, 4.9661

Details

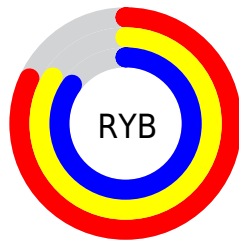
The XYZ color **63.2449, 68.0361, 73.4172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3019, 65.1078, 71.5213**, and the grayscale version is **64.0999, 67.4381, 73.4401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6959, 35.3124, 37.8936** is the 20% darker color. If you saturate the color by 10%, you get **56.5047, 64.6805, 67.8084**, and if you desaturate by 10%, it is **70.8773, 71.8495, 79.3421**.

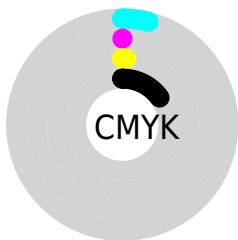
Distribution



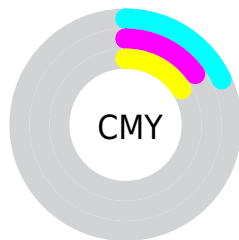
- Red (82%)
- Green (85%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2449, 68.0361, 73.4172 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 63.2449, 68.0361, 73.4172 by changing the saturation by 10% instead.

■ 63.2449, 68.0361,
73.4172

■ 63.2449, 68.0361,
73.4172

426.1033,
453.6239, 491.5690

■ 46.2988, 49.9271,
53.8233

108.6026,
116.4038, 125.7957

■ 32.6873, 35.3555,
38.0682

137.7448,
147.4313, 159.4174

■ 22.0451, 23.9368,
25.7334

171.6831,
183.5337, 198.5520

■ 14.0068, 15.2868,
16.4003

210.7829,
225.0955, 243.6182

■ 8.2071, 9.0209,
9.6504

255.4094,
272.5010, 295.0344

■ 4.2807, 4.7548,
5.0653

305.9281,

■ 1.8621, 2.1041,

326.1346, 353.2193

2.2262

362.7043,
386.3808, 418.5913

■ 0.5547, 0.6669,
0.6894

■ 0.0000, 0.0000,
0.0000

■ 63.2449, 68.0361,
73.4172

■ 63.2449, 68.0361,
73.4172

■ 56.5047, 64.6805,
67.8084

■ 70.8773, 71.8495,
79.3421

■ 50.6165, 61.7563,
62.5056


■ 79.4285, 76.1285,
85.5838


■ 45.5456, 59.2476,
57.5046


■ 81.5505, 77.0869,
91.8038


■ 41.2528, 57.1343,
52.7995


■ 82.7774, 77.5777,
98.2647


 37.6953, 55.3943,
48.3841


 84.0592, 78.0904,
105.0145

 34.8260, 54.0037,
44.2518

 84.1042, 78.1084,
105.2514

 32.5925, 52.9353,
40.3957

 30.9338, 52.1579,
36.8086

 29.7766, 51.6337,
33.4822

Harmonies

Analogous

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



63.5487, 68.0361, 71.4847



63.2449, 68.0361, 73.4172



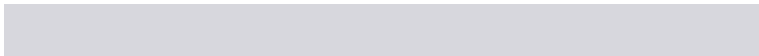
63.3196, 68.0361, 75.5645

Triad

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



63.2449, 68.0361, 73.4172



65.1826, 68.0361, 78.0318



65.5875, 68.0361, 70.9069

Complementary

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



63.2449, 68.0361, 73.4172



63.3019, 65.1078, 71.5213

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.



66.0319, 68.0361, 72.6146



63.2449, 68.0361, 73.4172



65.7969, 68.0361, 76.7368

Square

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



63.2449, 68.0361, 73.4172



64.4345, 68.0361, 78.2568



66.1088, 68.0361, 74.7463



64.8986, 68.0361, 70.0541

Rectangle

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



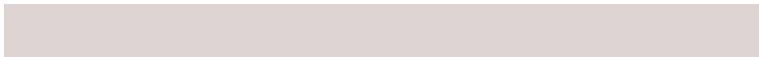
63.2449, 68.0361, 73.4172



63.5743, 68.0361, 76.8273



66.1088, 68.0361, 74.7463



65.7707, 68.0361, 71.3984

Sweetspot

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



63.2468, 68.0390, 73.4187



93.9643, 99.4581, 108.0469



63.4944, 68.2393, 70.1474



20.1237, 21.2938, 23.1355



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.



63.2468, 68.0390, 73.4187



90.7862, 97.8724, 105.5154



63.3941, 67.7139, 75.3781



13.9518, 15.1036, 16.2539



17.7446, 31.1305, 19.3521



1.1909, 2.0333, 1.4711

Inverse Universe

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



63.3019, 65.1078, 71.5213



90.8728, 93.2602, 102.5300



63.1561, 65.4171, 69.6205



13.9674, 14.2723, 15.7158



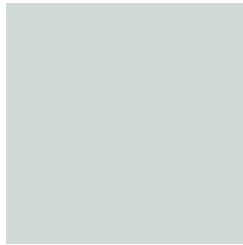
18.2784, 9.3124, 5.8463



1.2252, 0.6197, 0.5946

Previews

White Background



This preview shows how the XYZ color 63.2449, 68.0361, 73.4172 looks on a white background.

Color Contrast Check

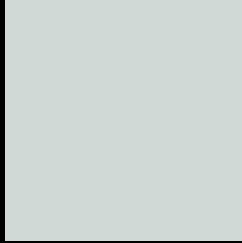
Large Text (above 18pt) WCAG AA × Fail

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 63.2449, 68.0361, 73.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

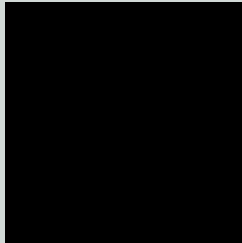
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

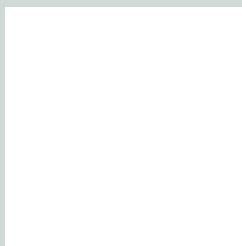
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2449, 68.0361, 73.4172

Background



This preview shows how black text looks on a background with the XYZ color 63.2449, 68.0361, 73.4172.

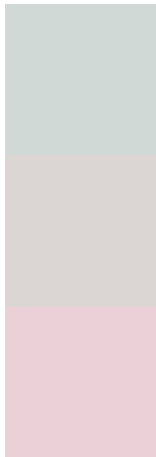


This preview shows how white text looks on a background with the XYZ color 63.2449, 68.0361,

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

63.2449, 68.0361, 73.4172

Protanopia

65.1436, 67.9067, 71.9612

Deuteranopia

69.2115, 67.7318, 74.3914



Tritanopia

65.6217, 67.8597, 85.2409

Trichromacy



Original Color

63.2449, 68.0361, 73.4172

Protanomaly

64.3350, 67.8520, 72.6567

Deuteranomaly

66.9240, 67.6636, 73.8231

Tritanomaly

64.7550, 67.8860, 80.9245

Monochromacy



Original Color

63.2449, 68.0361, 73.4172

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5894, 67.4530, 73.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2449, 68.0361, 73.4172 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(209, 217, 214) looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 214)  
}
```

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(209, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 214) }
```

Border

The CSS property to change the border of an element to XYZ 63.2449, 68.0361, 73.4172 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(209, 217, 214) }
```


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

```
.border{ border-color:rgb(209, 217, 214) }
```

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

Here you see how a box with a 4 pixel rgb(209, 217, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2449, 68.0361, 73.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 214) }
```

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

```
.background{ background-color: rgb(209,  
217, 214) }
```

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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