

Converting Colors

XYZ(63.0461, 68.9019, 69.8674)

Have a look what the booklet for
XYZ(63.0461, 68.9019, 69.8674)
contains.

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Color

**XYZ(63.0112, 68.7724,
69.6279)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBD0
RGB	209, 219, 208
RGB Percent	82%, 86%, 82%
CMY	0.1804, 0.1412, 0.1843
CMYK	0.05, 0.00, 0.05, 0.14
HSL	115°, 13%, 84%
HSV	115°, 5%, 86%
XYZ	63.0112, 68.7724, 69.6279
YIQ	214.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

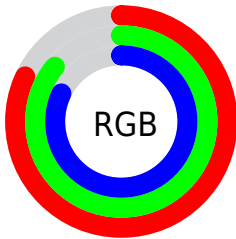
Format	Color
R _Y B	208, 219, 218
Decimal	13753296
CIE Lab	86.39, -5.36, 4.23
CIE LCh	86, 6.831, 141.752
Yxy	68.7724, 0.3128, 0.3415
Android (android.graphics.Color)	4291943376 (0xFFD1DBD0)
YUV	214.7560, -3.3307, -5.0480
Hunter-Lab	82.9291, -9.4981, 8.2701

Details

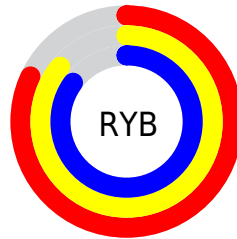
The XYZ color **63.0112, 68.7724, 69.6279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2581, 65.1335, 76.2066**, and the grayscale version is **64.4509, 67.8074, 73.8422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6258, 35.8526, 35.7725** is the 20% darker color. If you saturate the color by 10%, you get **55.2154, 65.0456, 56.1557**, and if you desaturate by 10%, it is **71.8871, 73.0169, 85.0957**.

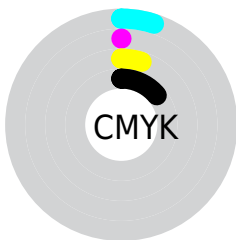
Distribution



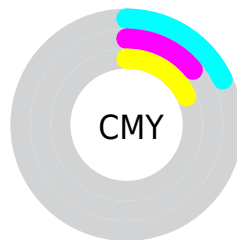
- Red (82%)
- Green (86%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0112, 68.7724, 69.6279 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 63.0112, 68.7724, 69.6279 by changing the saturation by 10% instead.

■ 63.0112, 68.7724,
69.6279

■ 63.0112, 68.7724,
69.6279

425.2692,
456.2278, 477.9962

■ 46.1090, 50.5264,
50.7483

108.2674,
117.4564, 120.3541

■ 32.5368, 35.8318,
35.6330

137.3520,
148.6632, 153.0378

■ 21.9294, 24.3043,
23.8634

171.2282,
184.9591, 191.1599

■ 13.9213, 15.5595,
15.0211

210.2612,
226.7284, 235.1390

■ 8.1473, 9.2130,
8.6874

254.8165,
274.3555, 285.3937

■ 4.2419, 4.8804,
4.4438

305.2593,

■ 1.8399, 2.1772,

328.2249, 342.3424

1.8719

361.9551,
388.7208, 406.4037

■ 0.5415, 0.7075,
0.4747

■ 0.0000, 0.0000,
0.0000

■ 63.0112, 68.7724,
69.6279

■ 63.0112, 68.7724,
69.6279

■ 55.2154, 65.0456,
56.1557

■ 71.8871, 73.0169,
85.0957

■ 48.4527, 61.8082,
44.5935

■ 81.8760, 77.7886,
102.6310

■ 42.6816, 59.0427,
34.8563

■ 84.6228, 79.1457,
105.4243

■ 37.8552, 56.7268,
26.8509

■ 33.9231, 54.8367,
20.4758

■ 30.8299, 53.3464,
15.6191

■ 28.5142, 52.2269,
12.1546

■ 26.9060, 51.4453,
9.9359

■ 25.9224, 50.9627,
8.7840

Harmonies

Analogous

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



64.2477, 68.7724, 67.0942



63.0112, 68.7724, 69.6279



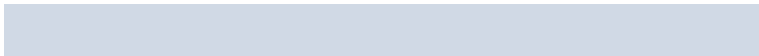
62.4080, 68.7724, 73.6414

Triad

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



63.0112, 68.7724, 69.6279



64.9317, 68.7724, 83.8181



68.2260, 68.7724, 71.7059

Complementary

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



63.0112, 68.7724, 69.6279



64.2581, 65.1335, 76.2066

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.



68.4163, 68.7724, 76.1354



63.0112, 68.7724, 69.6279



66.4974, 68.7724, 83.2490

Square

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



63.0112, 68.7724, 69.6279



63.5050, 68.7724, 81.9179



67.7790, 68.7724, 80.3928



67.2632, 68.7724, 68.2599

Rectangle

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



63.0112, 68.7724, 69.6279



62.4392, 68.7724, 76.6660



67.7790, 68.7724, 80.3928



68.3830, 68.7724, 73.1248

Sweetspot

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



63.0131, 68.7754, 69.6294



92.5543, 98.8071, 104.5538



65.6470, 69.7084, 69.6707



19.8366, 21.1613, 22.4243



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.



63.0131, 68.7754, 69.6294



87.7501, 96.5101, 96.2080



63.2803, 68.8496, 72.5083



13.4912, 14.8995, 14.7286



15.2299, 30.1488, 5.0166



1.0253, 1.9731, 0.3268

Inverse Universe

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



64.2581, 65.1335, 76.2066



89.8522, 90.3610, 107.3134



63.9861, 65.0594, 73.2086



13.8452, 13.8641, 16.5985



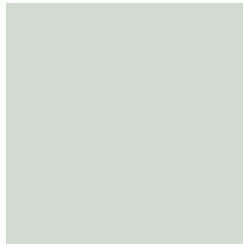
21.6123, 10.2657, 40.5808



1.4350, 0.6830, 2.6306

Previews

White Background



This preview shows how the XYZ color 63.0112, 68.7724, 69.6279 looks on a white background.

Color Contrast Check

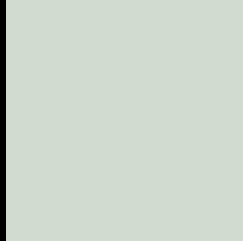
Large Text (above 18pt) WCAG AA × Fail

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 63.0112, 68.7724, 69.6279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

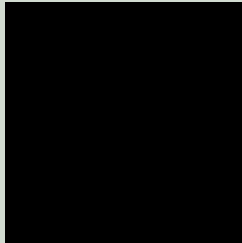
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

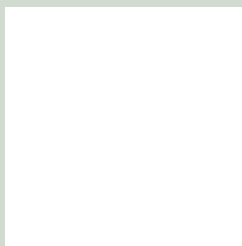
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0112, 68.7724, 69.6279

Background



This preview shows how black text looks on a background with the XYZ color 63.0112, 68.7724, 69.6279.

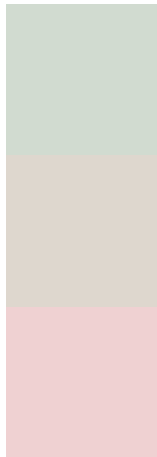


This preview shows how white text looks on a background with the XYZ color 63.0112, 68.7724,

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

63.0112, 68.7724, 69.6279

Protanopia

65.5652, 68.5867, 68.1754

Deuteranopia

70.0299, 68.6048, 70.5238



Tritanopia

66.3065, 68.5732, 86.0852

Trichromacy



Original Color

63.0112, 68.7724, 69.6279

Protanomaly

64.4336, 68.3684, 68.8319

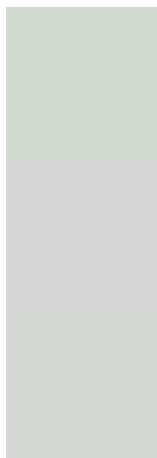
Deuteranomaly

67.2978, 68.6859, 70.0323

Tritanomaly

65.0265, 68.4365, 79.5943

Monochromacy



Original Color

63.0112, 68.7724, 69.6279

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.8801, 68.0113, 72.0480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0112, 68.7724, 69.6279 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, 219, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 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(209, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.0112, 68.7724, 69.6279 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, 219, 208) }
```


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

```
.border{ border-color:rgb(209, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 219, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 219, 208); box-shadow:4px 4px 4px 4px rgb(209, 219, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0112, 68.7724, 69.6279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 208) }
```

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

```
.background{ background-color: rgb(209,  
219, 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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