

Converting Colors

XYZ(63.6884, 67.3767, 69.5396)

Have a look what the booklet for
XYZ(63.6884, 67.3767, 69.5396)
contains.

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Color

**XYZ(63.4561, 67.0943,
69.2805)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D6D0
RGB	215, 214, 208
RGB Percent	84%, 84%, 82%
CMY	0.1569, 0.1608, 0.1843
CMYK	0.00, 0.00, 0.03, 0.16
HSL	51°, 8%, 83%
HSV	51°, 3%, 84%
XYZ	63.4561, 67.0943, 69.2805
YIQ	213.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

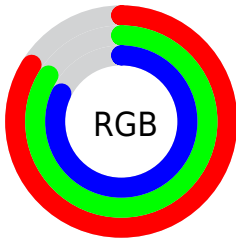
Format	Color
R_{YB}	209, 215, 208
Decimal	14145232
CIE Lab	85.55, -0.72, 3.07
CIE LCh	86, 3.152, 103.240
Yxy	67.0943, 0.3175, 0.3358
Android (android.graphics.Color)	4292335312 (0xFFD7D6D0)
YUV	213.6150, -2.7682, 1.2146
Hunter-Lab	81.9111, -5.0614, 7.1902

Details

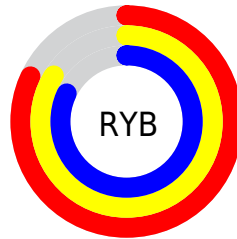
The XYZ color **63.4561, 67.0943, 69.2805** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0787, 63.9163, 73.4088**, and the grayscale version is **63.6763, 66.9924, 72.9547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7281, 34.6030, 35.5259** is the 20% darker color. If you saturate the color by 10%, you get **60.2218, 64.5753, 56.0246**, and if you desaturate by 10%, it is **67.0673, 69.7917, 84.4328**.

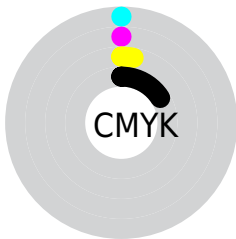
Distribution



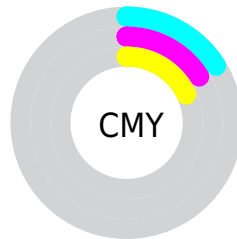
- Red (84%)
- Green (84%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4561, 67.0943, 69.2805 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 63.4561, 67.0943, 69.2805 by changing the saturation by 10% instead.

■ 63.4561, 67.0943,
69.2805

■ 63.4561, 67.0943,
69.2805

426.8563,
450.2804, 476.7404

■ 46.4703, 49.1613,
50.4670

108.9054,
115.0555, 119.8536

■ 32.8233, 34.7474,
35.4108

138.0996,
145.8525, 152.4503

■ 22.1497, 23.4684,
23.6934

172.0940,
181.7063, 190.4784

■ 14.0842, 14.9397,
14.8963

211.2539,
223.0012, 234.3566

■ 8.2613, 8.7771,
8.6008

255.9448,
270.1216, 284.5034

■ 4.3158, 4.5961,
4.3885

306.5319,

■ 1.8823, 2.0123,

323.4521, 341.3372

1.8408

363.3806,
383.3768, 405.2767

■ 0.5665, 0.6146,
0.4547

■ 0.0000, 0.0000,
0.0000

■ 63.4561, 67.0943,
69.2805

■ 63.4561, 67.0943,
69.2805

■ 60.2218, 64.5753,
56.0246

■ 67.0673, 69.7917,
84.4328

■ 57.3444, 62.2201,
44.5852

■ 71.0635, 72.6642,
101.5484

■ 54.8105, 60.0252,
34.8833

■ 72.5117, 74.5412,
105.1738

■ 52.6034, 57.9840,
26.8322

■ 73.3375, 76.1928,
105.4491

■ 50.7053, 56.0892,
20.3379

■ 74.1781, 77.8741,
105.7293

■ 49.0965, 54.3327,
15.2969

■ 75.0337, 79.5853,
106.0145

■ 47.7547, 52.7055,
11.5929

■ 75.9043, 81.3264,
106.3047

■ 46.6545, 51.1973,
9.0922

■ 76.7900, 83.0978,
106.6000

■ 45.7651, 49.7957,
7.6329

■ 77.6908, 84.8994,
106.9002

Harmonies

Analogous

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



64.1692, 67.0943, 69.3411



63.4561, 67.0943, 69.2805



62.8320, 67.0943, 70.2175

Triad

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



63.4561, 67.0943, 69.2805



62.7728, 67.0943, 75.7907



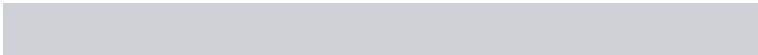
65.0994, 67.0943, 74.1979

Complementary

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



63.4561, 67.0943, 69.2805



61.0787, 63.9163, 73.4088

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.



64.7196, 67.0943, 75.9665



63.4561, 67.0943, 69.2805



63.3747, 67.0943, 76.8978

Square

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



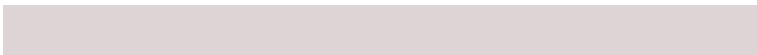
63.4561, 67.0943, 69.2805



62.4394, 67.0943, 73.9617



64.0872, 67.0943, 76.9627



65.1216, 67.0943, 72.1543

Rectangle

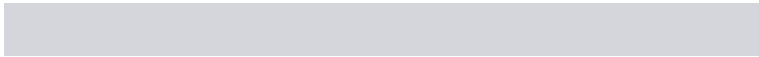
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4561, 67.0943, 69.2805



62.5489, 67.0943, 71.2922



64.0872, 67.0943, 76.9627



65.0092, 67.0943, 74.8452

Sweetspot

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



63.4580, 67.0972, 69.2820



94.5264, 99.6055, 106.7135



62.0960, 64.1658, 69.4675



20.2381, 21.3239, 22.8641



0.0000, 0.0000, 0.0000



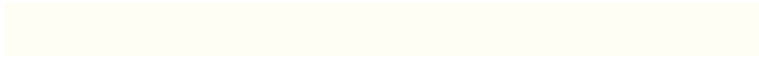
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4580, 67.0972, 69.2820



92.9896, 98.4377, 100.3255



62.9968, 67.2349, 69.3328



13.6500, 14.4641, 14.5766



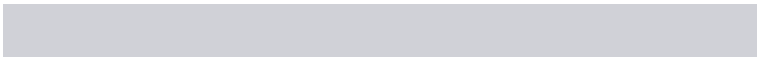
27.1237, 29.3646, 4.2384



1.6782, 1.8556, 0.2697

Inverse Universe

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



61.0787, 63.9163, 73.4088



88.6688, 92.6612, 107.8198



61.5292, 63.7869, 73.3601



12.9111, 13.4763, 15.8582



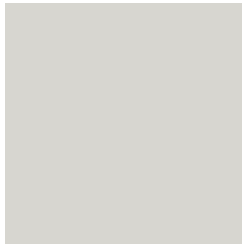
7.6695, 3.6008, 38.7440



0.5095, 0.3109, 2.3525

Previews

White Background



This preview shows how the XYZ color 63.4561, 67.0943, 69.2805 looks on a white background.

Color Contrast Check

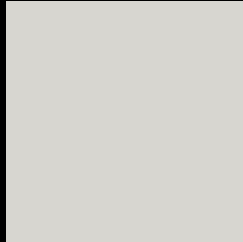
Large Text (above 18pt) WCAG AA × Fail

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 63.4561, 67.0943, 69.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

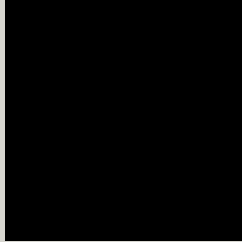
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

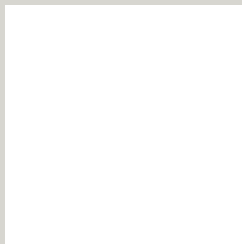
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4561, 67.0943, 69.2805

Background



This preview shows how black text looks on a background with the XYZ color 63.4561, 67.0943, 69.2805.

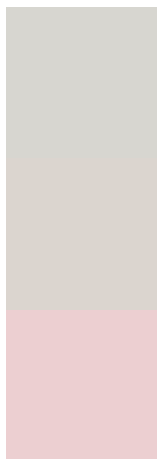


This preview shows how white text looks on a background with the XYZ color 63.4561, 67.0943,

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

63.4561, 67.0943, 69.2805

Protanopia

64.2702, 67.1536, 68.6060

Deuteranopia

68.4135, 67.0620, 69.6601



Tritanopia

66.2113, 67.0954, 82.8598

Trichromacy



Original Color

63.4561, 67.0943, 69.2805

Protanomaly

63.9702, 66.9989, 68.5920

Deuteranomaly

66.5501, 67.1906, 69.7831

Tritanomaly

65.2099, 67.0591, 77.9134

Monochromacy



Original Color

63.4561, 67.0943, 69.2805

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6618, 67.1427, 71.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4561, 67.0943, 69.2805 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(215, 214, 208) looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 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(215, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.4561, 67.0943, 69.2805 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(215, 214, 208) }
```


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

```
.border{ border-color:rgb(215, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4561, 67.0943, 69.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 208) }
```

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

```
.background{ background-color: rgb(215,  
214, 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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