

Converting Colors

XYZ(63.6956, 69.6647, 62.9128)

Have a look what the booklet for
XYZ(63.6956, 69.6647, 62.9128)
contains.

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Color

**XYZ(63.6956, 69.6647,
62.9128)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DCC5
RGB	215, 220, 197
RGB Percent	84%, 86%, 77%
CMY	0.1569, 0.1372, 0.2274
CMYK	0.02, 0.00, 0.10, 0.14
HSL	73°, 25%, 82%
HSV	73°, 10%, 86%
XYZ	63.6956, 69.6647, 62.9128
YIQ	215.8830, 4.4030, -8.2130

Conversions

Conversions Part 2

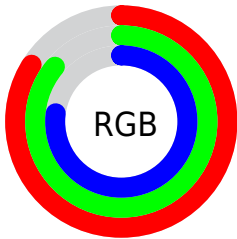
Format	Color
RYB	197, 220, 202
Decimal	14146757
CIELab	86.83, -5.69, 10.72
CIElCh	87, 12.135, 117.977
Yxy	69.6647, 0.3245, 0.3549
Android (android.graphics.Color)	4292336837 (0xFFD7DCC5)
YUV	215.8830, -9.3093, -0.7744
Hunter-Lab	83.4654, -9.8443, 13.7354

Details

The XYZ color **63.6956, 69.6647, 62.9128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2443, 57.6582, 75.8259**, and the grayscale version is **65.2515, 68.6497, 74.7595**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **32.9103, 36.3670, 31.2716** is the 20% darker color. If you saturate the color by 10%, you get **59.9722, 68.0176, 50.5258**, and if you desaturate by 10%, it is **67.8319, 71.4862, 77.2424**.

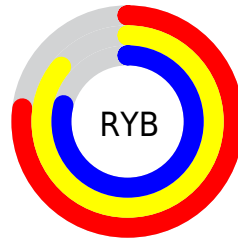
Distribution



Red (84%)

Green (86%)

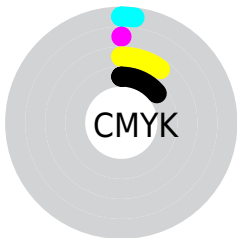
Blue (77%)



Red (77%)

Yellow (86%)

Blue (79%)

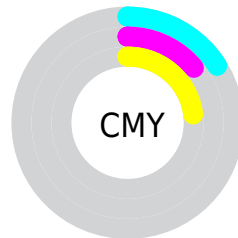


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (14%)



Cyan (16%)

Magenta (14%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6956, 69.6647, 62.9128 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 63.6956, 69.6647, 62.9128 by changing the saturation by 10% instead.

■ 63.6956, 69.6647,
62.9128

■ 63.6956, 69.6647,
62.9128

427.7092,
459.3718, 453.3522

■ 46.6649, 51.2532,
45.3301

109.2486,
118.7305, 110.6281

■ 32.9777, 36.4102,
31.3727

138.5017,
150.1536, 141.5977

■ 22.2685, 24.7512,
20.6220

172.5596,
186.6826, 177.8668

■ 14.1720, 15.8918,
12.6594

211.7877,
228.7021, 219.8538

■ 8.3229, 9.4476,
7.0665

256.5514,
276.5964, 267.9773

■ 4.3558, 5.0343,
3.4246

307.2159,

■ 1.9053, 2.2674,

330.7498, 322.6559

1.3153

364.1468,
391.5468, 384.3080

■ 0.5799, 0.7564,
0.0743

■ 0.0000, 0.0000,
0.0000

■ 63.6956, 69.6647,
62.9128

■ 63.6956, 69.6647,
62.9128

■ 59.9722, 68.0176,
50.5258

■ 67.8319, 71.4862,
77.2424

■ 56.6398, 66.5294,
39.9935

■ 72.3906, 73.4792,
93.5887

■ 53.6829, 65.1960,
31.2274

■ 76.0724, 75.1263,
105.0991

■ 51.0827, 64.0099,
24.1307

■ 77.6239, 75.9262,
105.1717

■ 48.8187, 62.9629,
18.5966

■ 79.2179, 76.7479,
105.2463

■ 46.8678, 62.0457,
14.5066

■ 80.8546, 77.5917,
105.3229

■ 45.2040, 61.2478,
11.7248

■ 82.5345, 78.4577,
105.4016

■ 43.7962, 60.5568,
10.0897

■ 84.2578, 79.3461,
105.4822

■ 42.6399, 59.9764,
9.3292

■ 84.8846, 79.6692,
105.5115

Harmonies

Analogous

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



66.4064, 69.6647, 61.3281



63.6956, 69.6647, 62.9128



61.7096, 69.6647, 67.8903

Triad

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



63.6956, 69.6647, 62.9128



63.3721, 69.6647, 89.8392



71.7992, 69.6647, 76.4041

Complementary

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



63.6956, 69.6647, 62.9128



57.2443, 57.6582, 75.8259

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.



70.9329, 69.6647, 84.4152



63.6956, 69.6647, 62.9128



66.0224, 69.6647, 92.5073

Square

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



63.6956, 69.6647, 62.9128



61.5266, 69.6647, 83.3967



68.7983, 69.6647, 90.4561



71.1341, 69.6647, 68.7786

Rectangle

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



63.6956, 69.6647, 62.9128



61.0363, 69.6647, 72.6547



68.7983, 69.6647, 90.4561



71.6770, 69.6647, 79.1438

Sweetspot

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



63.6975, 69.6677, 62.9143



93.2330, 99.2028, 102.5133



60.7122, 61.4821, 61.4917



19.8537, 21.1887, 21.5860



0.0000, 0.0000, 0.0000



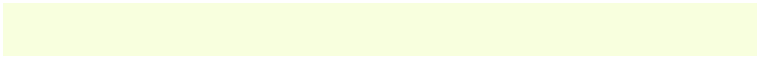
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6975, 69.6677, 62.9143



87.5612, 96.7037, 83.0526



60.4431, 67.9900, 62.7620



13.8706, 15.1136, 13.9117



25.1217, 35.2482, 5.4795



1.6977, 2.3197, 0.3583

Inverse Universe

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



57.2443, 57.6582, 75.8259



76.4641, 76.0510, 105.2570



60.4678, 59.3200, 75.9768



12.6022, 12.7530, 16.4495



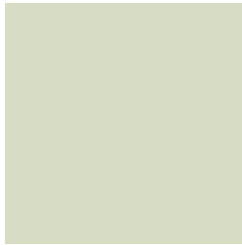
8.3707, 3.4394, 39.9611



0.6162, 0.2609, 2.5923

Previews

White Background



This preview shows how the XYZ color 63.6956, 69.6647, 62.9128 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 63.6956, 69.6647, 62.9128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

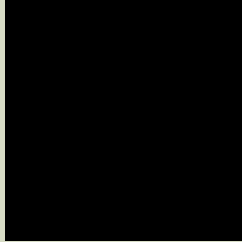
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

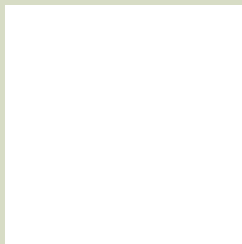
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6956, 69.6647, 62.9128

Background



This preview shows how black text looks on a background with the XYZ color 63.6956, 69.6647, 62.9128.



This preview shows how white text looks on a background with the XYZ color 63.6956, 69.6647,

62.9128.

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

63.6956, 69.6647, 62.9128

Protanopia

66.0272, 69.7346, 61.6099

Deuteranopia

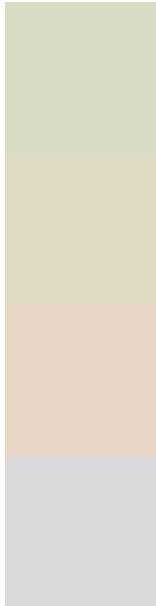
71.0116, 69.6292, 63.7299



Tritanopia

68.3811, 69.6427, 86.1822

Trichromacy



Original Color

63.6956, 69.6647, 62.9128

Protanomaly

65.1594, 69.6579, 62.2356

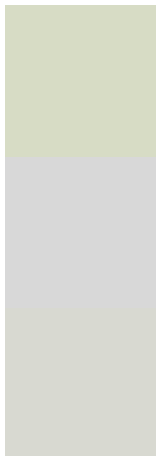
Deuteranomaly

68.1713, 69.6628, 63.2793

Tritanomaly

66.5125, 69.6456, 76.9552

Monochromacy



Original Color

63.6956, 69.6647, 62.9128

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.6404, 68.8281, 70.1998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6956, 69.6647, 62.9128 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, 220, 197) looks like.

```
.text, #text, p{  
    color:rgb(215, 220, 197)  
}
```

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, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 220, 197) }
```

Border

The CSS property to change the border of an element to XYZ 63.6956, 69.6647, 62.9128 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, 220, 197) }
```


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

```
.border{ border-color:rgb(215, 220, 197) }
```

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

Here you see how a box with a 4 pixel rgb(215, 220, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 220, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 220, 197);  
box-shadow:4px 4px 4px 4px rgb(215, 220,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6956, 69.6647, 62.9128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 220, 197) }
```

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

```
.background{ background-color: rgb(215,  
220, 197) }
```

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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