

Converting Colors

XYZ(63.1569, 66.6005, 67.8057)

Have a look what the booklet for
XYZ(63.1569, 66.6005, 67.8057)
contains.

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Color

**XYZ(63.2537, 66.6437,
67.9222)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D5CE
RGB	216, 213, 206
RGB Percent	85%, 84%, 81%
CMY	0.1529, 0.1647, 0.1922
CMYK	0.00, 0.01, 0.05, 0.15
HSL	42°, 11%, 83%
HSV	42°, 5%, 85%
XYZ	63.2537, 66.6437, 67.9222
YIQ	213.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

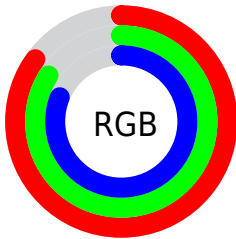
Format	Color
RYB	210, 216, 206
Decimal	14210510
CIELab	85.32, -0.20, 3.81
CIELCh	85, 3.813, 93.082
Yxy	66.6437, 0.3198, 0.3369
Android (android.graphics.Color)	4292400590 (0xFFD8D5CE)
YUV	213.0990, -3.4998, 2.5442
Hunter-Lab	81.6356, -4.5551, 7.8146

Details

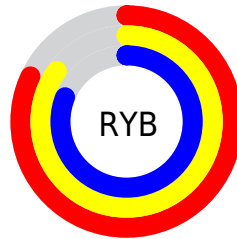
The XYZ color **63.2537, 66.6437, 67.9222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6486, 63.6795, 74.0613**, and the grayscale version is **63.3344, 66.6328, 72.5631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5923, 34.2978, 34.6081** is the 20% darker color. If you saturate the color by 10%, you get **59.2133, 62.4770, 54.5067**, and if you desaturate by 10%, it is **67.7235, 71.0903, 83.2616**.

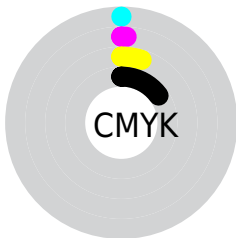
Distribution



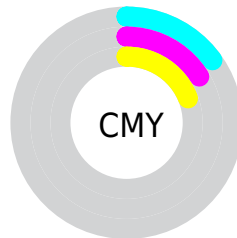
- Red (85%)
- Green (84%)
- Blue (81%)



- Red (82%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2537, 66.6437, 67.9222 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 63.2537, 66.6437, 67.9222 by changing the saturation by 10% instead.

■ 63.2537, 66.6437,
67.9222

■ 63.2537, 66.6437,
67.9222

426.1347,
448.6755, 471.8109

■ 46.3059, 48.7951,
49.3682

108.6152,
114.4097, 117.8940

■ 32.6929, 34.4570,
34.5439

137.7596,
145.0960, 150.1488

■ 22.0494, 23.2449,
23.0311

171.7003,
180.8302, 187.8077

■ 14.0100, 14.7744,
14.4109

210.8025,
221.9969, 231.2891

■ 8.2094, 8.6612,
8.2650

255.4317,
268.9803, 281.0115

■ 4.2821, 4.5209,
4.1748

305.9533,

■ 1.8630, 1.9690,

322.1650, 337.3936

1.7217

362.7325,
381.9352, 400.8539

■ 0.5552, 0.5894,
0.3756

■ 0.0000, 0.0000,
0.0000

■ 63.2537, 66.6437,
67.9222

■ 63.2537, 66.6437,
67.9222

■ 59.2133, 62.4770,
54.5067

■ 67.7235, 71.0903,
83.2616

■ 55.5813, 58.5743,
42.9336

■ 72.6316, 75.8152,
100.5933

■ 52.3432, 54.9307,
33.1218

■ 75.3436, 79.7679,
106.0335

■ 49.4814, 51.5379,
24.9825

■ 77.2032, 83.4871,
106.6533

■ 46.9768, 48.3869,
18.4192

■ 79.1306, 87.3418,
107.2958

■ 44.8086, 45.4682,
13.3254

■ 81.1264, 91.3336,
107.9611

■ 42.9530, 42.7710,
9.5812

■ 82.1292, 93.3391,
108.2953

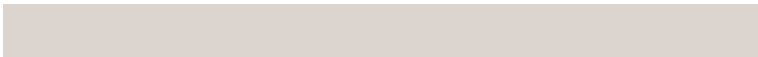
■ 41.3831, 40.2831,
7.0479

■ 40.0658, 37.9900,
5.5563

Harmonies

Analogous

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



64.0968, 66.6437, 68.4094



63.2537, 66.6437, 67.9222



62.4417, 66.6437, 68.6552

Triad

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



63.2537, 66.6437, 67.9222



61.9630, 66.6437, 75.1879



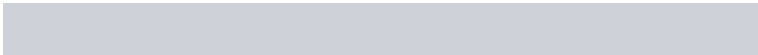
64.8335, 66.6437, 74.7358

Complementary

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



63.2537, 66.6437, 67.9222



60.6486, 63.6795, 74.0613

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.



64.2526, 66.6437, 76.6177



63.2537, 66.6437, 67.9222



62.5948, 66.6437, 76.8828

Square

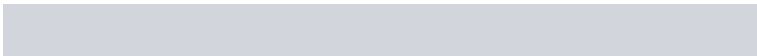
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2537, 66.6437, 67.9222



61.7007, 66.6437, 72.8194



63.4321, 66.6437, 77.4119



65.0138, 66.6437, 72.3086

Rectangle

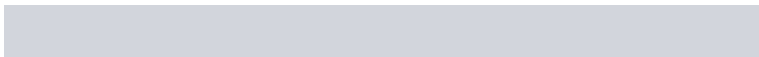
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.2537, 66.6437, 67.9222



62.0258, 66.6437, 69.7471



63.4321, 66.6437, 77.4119



64.6784, 66.6437, 75.4550

Sweetspot

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



63.2556, 66.6466, 67.9236



94.3989, 99.3504, 106.6710



61.8997, 63.3459, 69.2870



20.2121, 21.2719, 22.8555



0.0000, 0.0000, 0.0000



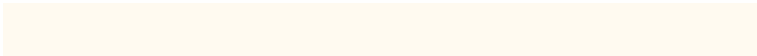
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2556, 66.6466, 67.9236



91.2388, 96.1638, 95.9573



63.4288, 67.8648, 68.1497



13.3932, 14.1179, 13.9752



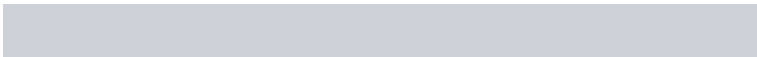
23.4385, 21.9942, 3.0100



1.4845, 1.4682, 0.2052

Inverse Universe

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



60.6486, 63.6795, 74.0613



86.3195, 90.5649, 107.5390



60.4793, 62.5114, 73.8447



12.6074, 13.2235, 15.8254



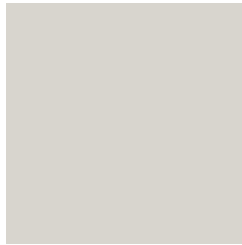
8.5282, 5.3182, 39.0302



0.5862, 0.4645, 2.3781

Previews

White Background



This preview shows how the XYZ color 63.2537, 66.6437, 67.9222 looks on a white background.

Color Contrast Check

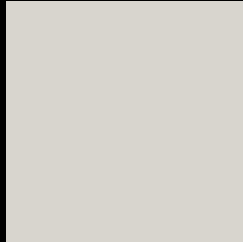
Large Text (above 18pt) WCAG AA × Fail

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 63.2537, 66.6437, 67.9222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

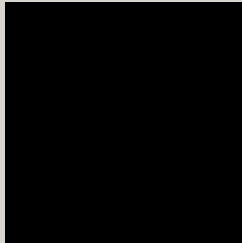
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

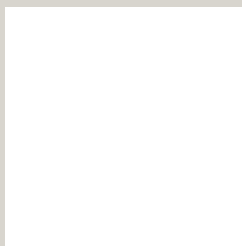
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2537, 66.6437, 67.9222

Background



This preview shows how black text looks on a background with the XYZ color 63.2537, 66.6437, 67.9222.

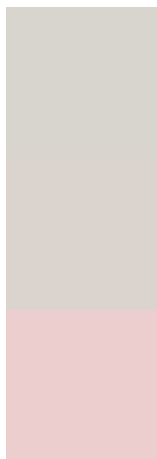


This preview shows how white text looks on a background with the XYZ color 63.2537, 66.6437,

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

63.2537, 66.6437, 67.9222

Protanopia

63.8975, 66.6033, 67.8805

Deuteranopia

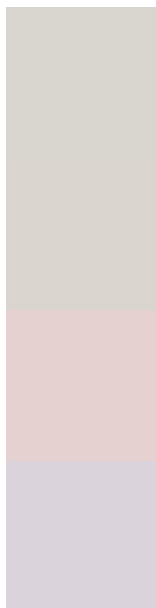
67.9259, 66.4805, 68.2834



Tritanopia

65.9875, 66.6442, 81.3372

Trichromacy



Original Color

63.2537, 66.6437, 67.9222

Protanomaly

63.5975, 66.4486, 67.8664

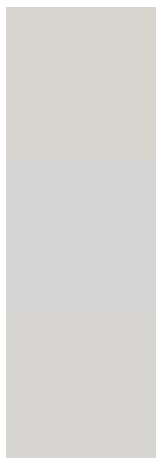
Deuteranomaly

66.3760, 66.7639, 68.4198

Tritanomaly

64.9939, 66.6084, 76.4490

Monochromacy



Original Color

63.2537, 66.6437, 67.9222

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1587, 66.5378, 70.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2537, 66.6437, 67.9222 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(216, 213, 206) looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 206)  
}
```

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(216, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 206) }
```

Border

The CSS property to change the border of an element to XYZ 63.2537, 66.6437, 67.9222 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(216, 213, 206) }
```


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

```
.border{ border-color:rgb(216, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2537, 66.6437, 67.9222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 206) }
```

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

```
.background{ background-color: rgb(216,  
213, 206) }
```

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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