

Converting Colors

XYZ(63.0999, 66.3542, 60.5208)

Have a look what the booklet for
XYZ(63.0999, 66.3542, 60.5208)
contains.

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Color

**XYZ(63.0999, 66.3542,
60.5208)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD4C2
RGB	221, 212, 194
RGB Percent	87%, 83%, 76%
CMY	0.1333, 0.1686, 0.2392
CMYK	0.00, 0.04, 0.12, 0.13
HSL	40°, 28%, 81%
HSV	40°, 12%, 87%
XYZ	63.0999, 66.3542, 60.5208
YIQ	212.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

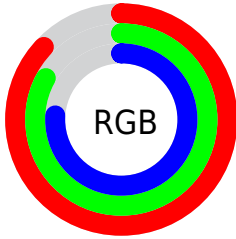
Format	Color
R _Y B	208, 221, 194
Decimal	14537922
CIE Lab	85.18, 0.07, 10.00
CIE LCh	85, 10.001, 89.575
Yxy	66.3542, 0.3321, 0.3493
Android (android.graphics.Color)	4292728002 (0xFFDDD4C2)
YUV	212.6390, -9.1890, 7.3326
Hunter-Lab	81.4581, -4.2802, 12.9701

Details

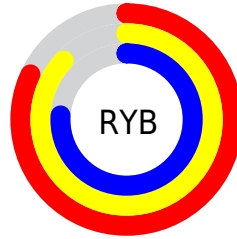
The XYZ color **63.0999, 66.3542, 60.5208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6550, 59.4005, 76.8866**, and the grayscale version is **63.0605, 66.3445, 72.2492**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **32.5165, 34.1144, 29.6819** is the 20% darker color. If you saturate the color by 10%, you get **59.0019, 61.8388, 47.8065**, and if you desaturate by 10%, it is **67.6547, 71.1910, 75.2101**.

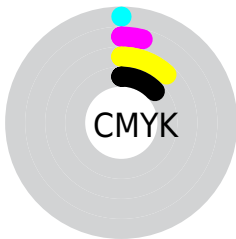
Distribution



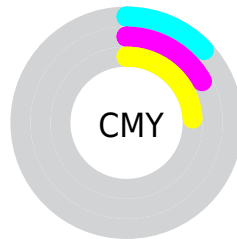
- Red (87%)
- Green (83%)
- Blue (76%)



- Red (82%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0999, 66.3542, 60.5208 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 63.0999, 66.3542, 60.5208 by changing the saturation by 10% instead.

■ 63.0999, 66.3542,
60.5208

■ 63.0999, 66.3542,
60.5208

425.5859,
447.6426, 444.3726

■ 46.1810, 48.5600,
43.4105

■ 108.3946,
113.9946, 107.1355

■ 32.5939, 34.2706,
29.8736

137.5011,
144.6095, 137.4771

■ 21.9733, 23.1015,
19.4914

171.4009,
180.2668, 173.0661

■ 13.9537, 14.6685,
11.8455

210.4593,
221.3508, 214.3212

■ 8.1700, 8.5871,
6.5173

255.0416,
268.2461, 261.6608

■ 4.2566, 4.4728,
3.0883

305.5132,

■ 1.8483, 1.9414,

321.3368, 315.5036

1.1399

362.2395,
381.0075, 376.2680

■ 0.5465, 0.5731,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0999, 66.3542,
60.5208

■ 63.0999, 66.3542,
60.5208

■ 59.0019, 61.8388,
47.8065

■ 67.6547, 71.1910,
75.2101

■ 55.3378, 57.6274,
36.9769

■ 72.6771, 76.3487,
91.9507

■ 52.0910, 53.7136,
27.9414

■ 77.3189, 81.4919,
106.2621

■ 49.2413, 50.0875,
20.5997

■ 79.4601, 85.7743,
106.9759

■ 46.7668, 46.7385,
14.8420

■ 81.6895, 90.2331,
107.7190

■ 44.6429, 43.6549,
10.5450

■ 83.6291, 94.1123,
108.3655

■ 42.8416, 40.8235,
7.5674

■ 41.3295, 38.2288,
5.7392

■ 40.3104, 36.3549,
4.8926

Harmonies

Analogous

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



65.2907, 66.3542, 62.0540



63.0999, 66.3542, 60.5208



60.9502, 66.3542, 61.9706

Triad

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



63.0999, 66.3542, 60.5208



59.3687, 66.3542, 78.5570



66.8837, 66.3542, 78.7261

Complementary

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



63.0999, 66.3542, 60.5208



56.6550, 59.4005, 76.8866

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.



65.2336, 66.3542, 83.6041



63.0999, 66.3542, 60.5208



60.8957, 66.3542, 83.5024

Square

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



63.0999, 66.3542, 60.5208



58.8275, 66.3542, 72.1562



63.0355, 66.3542, 85.4010



67.5069, 66.3542, 72.3408

Rectangle

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



63.0999, 66.3542, 60.5208



59.8219, 66.3542, 64.4861



63.0355, 66.3542, 85.4010



66.4288, 66.3542, 80.6100

Sweetspot

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



63.1017, 66.3571, 60.5222



92.3763, 97.2112, 100.1211



59.8908, 58.2684, 64.5911



19.6672, 20.6967, 21.0877



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.



63.1017, 66.3571, 60.5222



85.5603, 89.9136, 78.3208



64.0616, 70.2839, 61.2296



13.7777, 14.4948, 13.7972



23.5248, 21.3351, 2.8782



1.6020, 1.5381, 0.2125

Inverse Universe

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



56.6550, 59.4005, 76.8866



74.7471, 78.2457, 105.7711



55.7645, 55.8788, 76.2538



12.6914, 13.3225, 16.5547



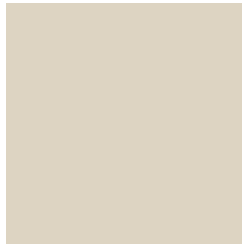
9.0832, 6.0358, 40.4247



0.6662, 0.5464, 2.6448

Previews

White Background



This preview shows how the XYZ color 63.0999, 66.3542, 60.5208 looks on a white background.

Color Contrast Check

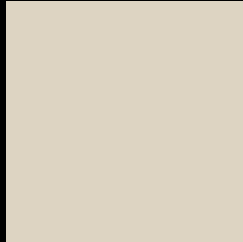
Large Text (above 18pt) WCAG AA × Fail

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 63.0999, 66.3542, 60.5208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

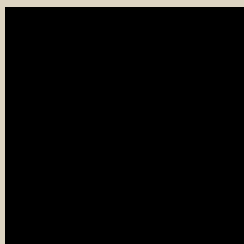
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0999, 66.3542, 60.5208

Background



This preview shows how black text looks on a background with the XYZ color 63.0999, 66.3542, 60.5208.

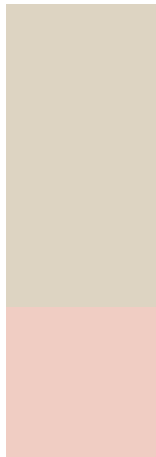


This preview shows how white text looks on a background with the XYZ color 63.0999, 66.3542,

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

63.0999, 66.3542, 60.5208

Protanopia

63.0999, 66.3542, 60.5208

Deuteranopia

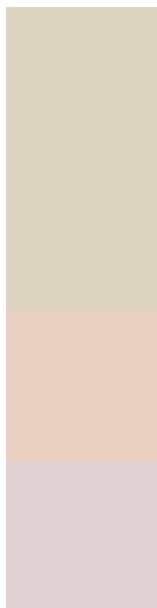
67.6168, 66.1280, 60.8300



Tritanopia

67.0618, 66.5011, 79.8225

Trichromacy



Original Color

63.0999, 66.3542, 60.5208

Protanomaly

63.0999, 66.3542, 60.5208

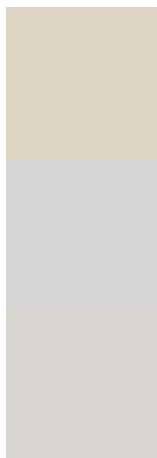
Deuteranomaly

66.0105, 66.3755, 60.9624

Tritanomaly

65.5512, 66.2523, 72.2838

Monochromacy



Original Color

63.0999, 66.3542, 60.5208

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2537, 66.6437, 67.9222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0999, 66.3542, 60.5208 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(221, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 194)  
}
```

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(221, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.0999, 66.3542, 60.5208 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(221, 212, 194) }
```


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

```
.border{ border-color:rgb(221, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0999, 66.3542, 60.5208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 212, 194) }
```

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

```
.background{ background-color: rgb(221,  
212, 194) }
```

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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