

Converting Colors

XYZ(63.0399, 67.2678, 51.7343)

Have a look what the booklet for
XYZ(63.0399, 67.2678, 51.7343)
contains.

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Color

**XYZ(63.1338, 67.3150,
51.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D6B2
RGB	225, 214, 178
RGB Percent	88%, 84%, 70%
CMY	0.1176, 0.1608, 0.3020
CMYK	0.00, 0.05, 0.21, 0.12
HSL	46°, 44%, 79%
HSV	46°, 21%, 88%
XYZ	63.1338, 67.3150, 51.7851
YIQ	213.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

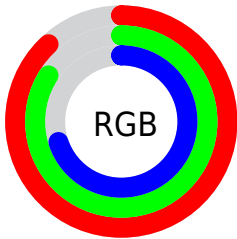
Format	Color
RYB	192, 225, 178
Decimal	14800562
CIELab	85.66, -1.94, 19.17
CIELCh	86, 19.264, 95.787
Yxy	67.3150, 0.3464, 0.3694
Android (android.graphics.Color)	4292990642 (0xFFE1D6B2)
YUV	213.1850, -17.3462, 10.3618
Hunter-Lab	82.0457, -6.2251, 20.0097

Details

The XYZ color **63.1338, 67.3150, 51.7851** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1482, 51.2954, 78.4925**, and the grayscale version is **63.4751, 66.7807, 72.7242**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **32.4620, 34.7120, 24.3912** is the 20% darker color. If you saturate the color by 10%, you get **59.7473, 63.8654, 40.4100**, and if you desaturate by 10%, it is **66.9375, 71.0050, 65.1290**.

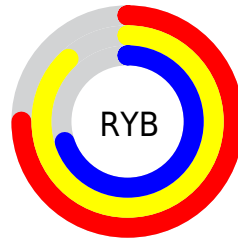
Distribution



Red (88%)

Green (84%)

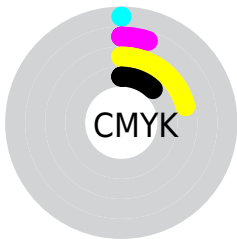
Blue (70%)



Red (75%)

Yellow (88%)

Blue (70%)

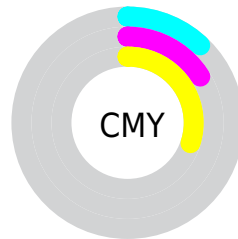


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1338, 67.3150, 51.7851 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 63.1338, 67.3150, 51.7851 by changing the saturation by 10% instead.

■ 63.1338, 67.3150,
51.7851

■ 63.1338, 67.3150,
51.7851

425.7069,
451.0652, 410.5397

■ 46.2085, 49.3407,
36.4528

■ 108.4432,
115.3717, 94.2376

■ 32.6157, 34.8898,
24.4916

137.5581,
146.2228, 122.1948

■ 21.9900, 23.5780,
15.4831

171.4669,
182.1349, 155.1974

■ 13.9661, 15.0209,
9.0088

210.5349,
223.4925, 193.6639

■ 8.1787, 8.8340,
4.6500

255.1276,
270.6799, 238.0128

■ 4.2623, 4.6331,
1.9883

305.6102,

■ 1.8515, 2.0336,

324.0816, 288.6627

0.5481

362.3482,
384.0819, 346.0322

■ 0.5484, 0.6269,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1338, 67.3150,
51.7851

■ 63.1338, 67.3150,
51.7851

■ 59.7473, 63.8654,
40.4100

■ 66.9375, 71.0050,
65.1290

■ 56.7543, 60.6391,
30.9042

■ 71.1702, 74.9338,
80.5260

■ 54.1365, 57.6306,
23.1660

■ 75.8501, 79.1116,
98.0609

■ 51.8721, 54.8303,
17.0822

■ 78.8272, 82.6791,
106.4118

■ 49.9366, 52.2278,
12.5266

■ 80.3572, 85.7390,
106.9217

■ 48.3023, 49.8114,
9.3544

■ 81.9322, 88.8890,
107.4467

■ 46.9359, 47.5671,
7.3931

■ 83.5525, 92.1296,
107.9868

■ 45.8732, 45.6510,
6.3937

■ 84.8615, 94.7477,
108.4232

Harmonies

Analogous

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



67.5043, 67.3150, 53.3901



63.1338, 67.3150, 51.7851



59.1723, 67.3150, 55.3873

Triad

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



63.1338, 67.3150, 51.7851



57.3773, 67.3150, 88.3538



71.9892, 67.3150, 83.6590

Complementary

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



63.1338, 67.3150, 51.7851



50.1482, 51.2954, 78.4925

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.



69.0432, 67.3150, 94.6972



63.1338, 67.3150, 51.7851



60.5823, 67.3150, 97.6174

Square

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



63.1338, 67.3150, 51.7851



55.9477, 67.3150, 75.7585



64.8355, 67.3150, 100.0618



72.7484, 67.3150, 70.8847

Rectangle

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



63.1338, 67.3150, 51.7851



57.2537, 67.3150, 60.5294



64.8355, 67.3150, 100.0618



71.2155, 67.3150, 87.7391

Sweetspot

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



63.1356, 67.3180, 51.7865



91.5524, 96.7909, 96.0618



56.2394, 51.5560, 55.5601



19.5172, 20.6440, 20.2753



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.



63.1356, 67.3180, 51.7865



81.8569, 87.4034, 61.9908



62.4749, 71.2489, 52.5801



14.5858, 15.4575, 14.5216



26.5275, 26.4929, 3.7155



1.9054, 1.9697, 0.2798

Inverse Universe

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



50.1482, 51.2954, 78.4925



61.7096, 62.5504, 103.4287



50.6847, 48.1930, 77.8654



13.2110, 13.7611, 17.3476



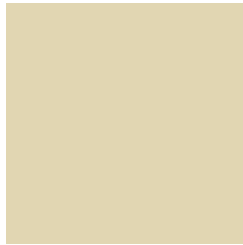
8.6301, 4.7298, 41.5064



0.6664, 0.4642, 2.8997

Previews

White Background



This preview shows how the XYZ color 63.1338, 67.3150, 51.7851 looks on a white background.

Color Contrast Check

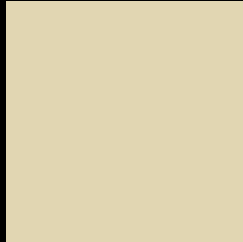
Large Text (above 18pt) WCAG AA × Fail

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 63.1338, 67.3150, 51.7851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

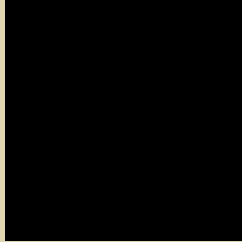
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

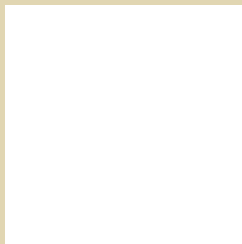
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1338, 67.3150, 51.7851

Background



This preview shows how black text looks on a background with the XYZ color 63.1338, 67.3150, 51.7851.

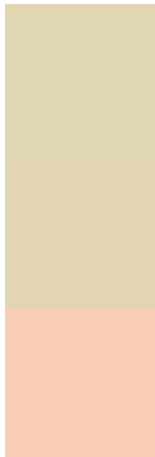


This preview shows how white text looks on a background with the XYZ color 63.1338, 67.3150,

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

63.1338, 67.3150, 51.7851

Protanopia

63.4465, 67.4762, 51.7997

Deuteranopia

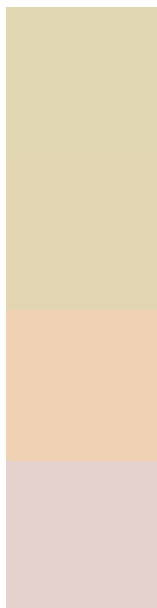
68.6673, 67.2121, 52.5341



Tritanopia

68.9654, 67.4825, 79.9116

Trichromacy



Original Color

63.1338, 67.3150, 51.7851

Protanomaly

63.4465, 67.4762, 51.7997

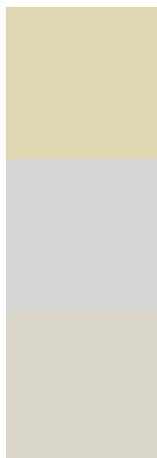
Deuteranomaly

66.5338, 67.2063, 52.1132

Tritanomaly

66.6222, 67.2562, 68.5019

Monochromacy



Original Color

63.1338, 67.3150, 51.7851

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8348, 66.5103, 64.1696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1338, 67.3150, 51.7851 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(225, 214, 178) looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 178)  
}
```

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(225, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 178) }
```

Border

The CSS property to change the border of an element to XYZ 63.1338, 67.3150, 51.7851 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(225, 214, 178) }
```


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

```
.border{ border-color:rgb(225, 214, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 214, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 214, 178); box-shadow:4px 4px 4px 4px rgb(225, 214, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1338, 67.3150, 51.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 178) }
```

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

```
.background{ background-color: rgb(225,  
214, 178) }
```

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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