

Converting Colors

XYZ(63.8903, 68.2775, 55.1090)

Have a look what the booklet for
XYZ(63.8903, 68.2775, 55.1090)
contains.

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Color

**XYZ(63.9481, 68.4197,
55.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D8B8
RGB	224, 216, 184
RGB Percent	88%, 85%, 72%
CMY	0.1216, 0.1529, 0.2784
CMYK	0.00, 0.04, 0.18, 0.12
HSL	48°, 39%, 80%
HSV	48°, 18%, 88%
XYZ	63.9481, 68.4197, 55.1833
YIQ	214.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

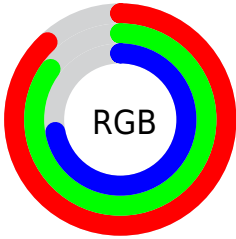
Format	Color
RYB	194, 224, 184
Decimal	14735544
CIELab	86.22, -2.46, 16.78
CIElCh	86, 16.956, 98.339
Yxy	68.4197, 0.3410, 0.3648
Android (android.graphics.Color)	4292925624 (0xFFE0D8B8)
YUV	214.7440, -15.1568, 8.1175
Hunter-Lab	82.7162, -6.7546, 18.3466

Details

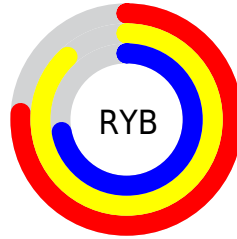
The XYZ color **63.9481, 68.4197, 55.1833** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0712, 53.2704, 78.0594**, and the grayscale version is **64.5118, 67.8714, 73.9120**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **33.2038, 35.5634, 26.5871** is the 20% darker color. If you saturate the color by 10%, you get **60.6526, 65.2932, 43.4032**, and if you desaturate by 10%, it is **67.6504, 71.7635, 68.9350**.

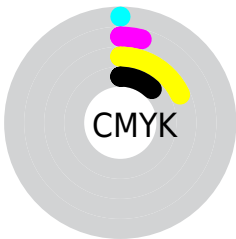
Distribution



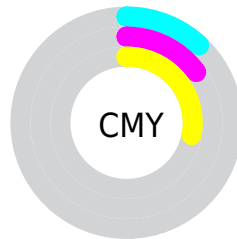
- Red (88%)
- Green (85%)
- Blue (72%)



- Red (76%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9481, 68.4197, 55.1833 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 63.9481, 68.4197, 55.1833 by changing the saturation by 10% instead.

■ 63.9481, 68.4197,
55.1833

■ 63.9481, 68.4197,
55.1833

428.6074,
454.9816, 423.9079

■ 46.8702, 50.2393,
39.1489

■ 109.6103,
116.9524, 99.2833

■ 33.1405, 35.6035,
26.5669

138.9254,
148.0734, 128.1860

■ 22.3939, 24.1282,
17.0186

173.0501,
184.2767, 162.2152

■ 14.2648, 15.4287,
10.0857

212.3500,
225.9467, 201.7895

■ 8.3880, 9.1208,
5.3495

257.1903,
273.4678, 247.3273

■ 4.3981, 4.8201,
2.3914

307.9364,

■ 1.9297, 2.1421,

327.2244, 299.2473

0.7818

364.9536,
387.6008, 357.9680

■ 0.5940, 0.6881,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9481, 68.4197,
55.1833

■ 63.9481, 68.4197,
55.1833

■ 60.6526, 65.2932,
43.4032

■ 67.6504, 71.7635,
68.9350

■ 57.7407, 62.3675,
33.4983

■ 71.7705, 75.3226,
84.7398

■ 55.1952, 59.6376,
25.3706

■ 76.3259, 79.1066,
102.6801

■ 52.9951, 57.0946,
18.9116

■ 78.1895, 81.8650,
106.2882

■ 51.1173, 54.7290,
14.0007

■ 79.4798, 84.4456,
106.7183

■ 49.5357, 52.5299,
10.5012

■ 80.8026, 87.0912,
107.1593

■ 48.2194, 50.4845,
8.2522

■ 82.1581, 89.8021,
107.6111

■ 47.1257, 48.5754,
7.0301

■ 83.5464, 92.5788,
108.0739

■ 46.9061, 48.1782,
6.8271

■ 84.5507, 94.5874,
108.4086

Harmonies

Analogous

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



67.8418, 68.4197, 56.2471



63.9481, 68.4197, 55.1833



60.4839, 68.4197, 58.8725

Triad

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



63.9481, 68.4197, 55.1833



59.3179, 68.4197, 88.6474



72.2612, 68.4197, 82.7196

Complementary

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



63.9481, 68.4197, 55.1833



52.0712, 53.2704, 78.0594

Split Complementary

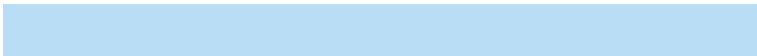
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.8002, 68.4197, 92.6678



63.9481, 68.4197, 55.1833



62.2987, 68.4197, 96.3216

Square

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



63.9481, 68.4197, 55.1833



57.8815, 68.4197, 77.6595



66.1258, 68.4197, 97.8621



72.7460, 68.4197, 71.4224

Rectangle

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



63.9481, 68.4197, 55.1833



58.8473, 68.4197, 63.7712



66.1258, 68.4197, 97.8621



71.6331, 68.4197, 86.3636

Sweetspot

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



63.9499, 68.4227, 55.1848



92.2569, 97.5905, 98.1758



57.3962, 53.9350, 57.2555



19.6653, 20.8172, 20.7033



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.



63.9499, 68.4227, 55.1848



84.2755, 90.3779, 68.5392



62.4595, 70.7697, 55.7163



14.6269, 15.5397, 14.5353



27.3856, 28.2091, 4.0015



1.9581, 2.0751, 0.2973

Inverse Universe

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



52.0712, 53.2704, 78.0594



65.8406, 66.8640, 104.0436



53.3609, 51.3995, 77.6303



13.1728, 13.6847, 17.3348



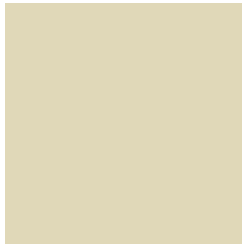
8.4376, 4.3447, 41.4423



0.6480, 0.4274, 2.8936

Previews

White Background



This preview shows how the XYZ color 63.9481, 68.4197, 55.1833 looks on a white background.

Color Contrast Check

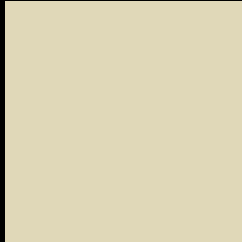
Large Text (above 18pt) WCAG AA × Fail

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 63.9481, 68.4197, 55.1833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

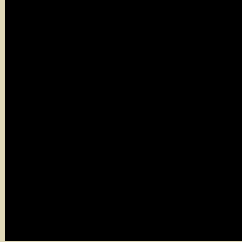
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

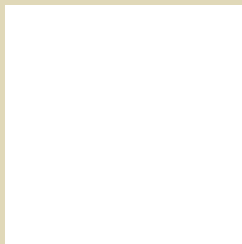
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9481, 68.4197, 55.1833

Background



This preview shows how black text looks on a background with the XYZ color 63.9481, 68.4197, 55.1833.



This preview shows how white text looks on a background with the XYZ color 63.9481, 68.4197,

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

63.9481, 68.4197, 55.1833

Protanopia

64.6307, 68.3925, 55.1421

Deuteranopia

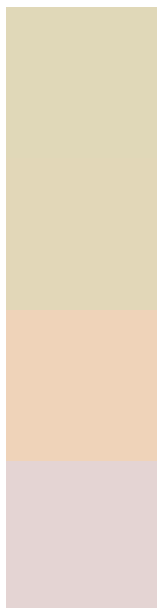
69.7766, 68.4311, 55.9853



Tritanopia

69.4072, 68.4072, 81.4973

Trichromacy



Original Color

63.9481, 68.4197, 55.1833

Protanomaly

64.3162, 68.2303, 55.1273

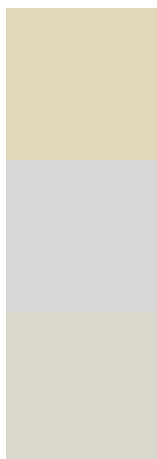
Deuteranomaly

67.6478, 68.4420, 55.5442

Tritanomaly

67.2963, 68.2841, 71.2613

Monochromacy



Original Color

63.9481, 68.4197, 55.1833

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.1130, 67.8659, 66.8471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9481, 68.4197, 55.1833 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(224, 216, 184) looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 184)  
}
```

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(224, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.9481, 68.4197, 55.1833 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(224, 216, 184) }
```


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

```
.border{ border-color:rgb(224, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9481, 68.4197, 55.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 184) }
```

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

```
.background{ background-color: rgb(224,  
216, 184) }
```

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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