

Converting Colors

XYZ(63.4989, 67.3326, 54.6446)

Have a look what the booklet for
XYZ(63.4989, 67.3326, 54.6446)
contains.

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Color

**XYZ(63.6451, 67.5196,
54.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D6B7
RGB	225, 214, 183
RGB Percent	88%, 84%, 72%
CMY	0.1176, 0.1608, 0.2823
CMYK	0.00, 0.05, 0.19, 0.12
HSL	44°, 41%, 80%
HSV	44°, 19%, 88%
XYZ	63.6451, 67.5196, 54.4779
YIQ	213.7550, 16.5070, -7.3090

Conversions

Conversions Part 2

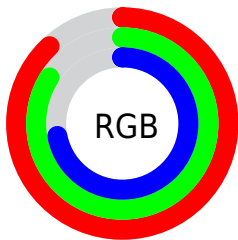
Format	Color
R _Y B	198, 225, 183
Decimal	14800567
CIE Lab	85.77, -1.21, 16.68
CIE LCh	86, 16.726, 94.153
Yxy	67.5196, 0.3428, 0.3637
Android (android.graphics.Color)	4292990647 (0xFFE1D6B7)
YUV	213.7550, -15.1622, 9.8619
Hunter-Lab	82.1703, -5.5407, 18.2107

Details

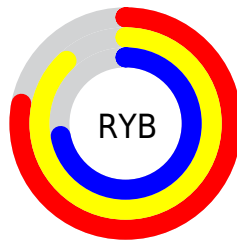
The XYZ color **63.6451, 67.5196, 54.4779** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4105, 54.0857, 78.9117**, and the grayscale version is **63.8442, 67.1691, 73.1471**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **32.7896, 34.8430, 26.1163** is the 20% darker color. If you saturate the color by 10%, you get **60.0247, 63.7314, 42.6260**, and if you desaturate by 10%, it is **67.6975, 71.5714, 68.3223**.

Distribution



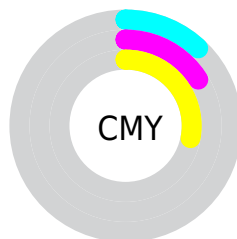
- Red (88%)
- Green (84%)
- Blue (72%)



- Red (78%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6451, 67.5196, 54.4779 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 63.6451, 67.5196, 54.4779 by changing the saturation by 10% instead.

■ 63.6451, 67.5196,
54.4779

■ 63.6451, 67.5196,
54.4779

427.5295,
451.7921, 421.1558

■ 46.6239, 49.5070,
38.5881

■ 109.1763,
115.6646, 98.2390

■ 32.9451, 35.0218,
26.1341

138.4169,
146.5659, 126.9475

■ 22.2434, 23.6797,
16.6973

172.4614,
182.5321, 160.7658

■ 14.1535, 15.0962,
9.8592

211.6752,
223.9477, 200.1127

■ 8.3099, 8.8869,
5.2013

256.4235,
271.1971, 245.4066

■ 4.3474, 4.6675,
2.3051

307.0718,

■ 1.9005, 2.0535,

324.6647, 297.0660

0.7341

363.9853,
384.7349, 355.5096

■ 0.5771, 0.6383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6451, 67.5196,
54.4779

■ 63.6451, 67.5196,
54.4779

■ 60.0247, 63.7314,
42.6260

■ 67.6975, 71.5714,
68.3223

■ 56.8125, 60.1895,
32.6688

■ 72.1935, 75.8856,
84.2425

■ 53.9905, 56.8882,
24.5063

■ 77.1512, 80.4724,
102.3221

■ 51.5373, 53.8179,
18.0279

■ 79.5499, 84.1246,
106.6527

■ 49.4288, 50.9681,
13.1104

■ 81.2889, 87.6025,
107.2323

■ 47.6379, 48.3269,
9.6137

■ 83.0845, 91.1936,
107.8309

■ 46.1327, 45.8806,
7.3727

■ 84.8615, 94.7476,
108.4232

■ 44.8654, 43.6092,
6.1389

■ 44.7056, 43.3158,
6.0046

Harmonies

Analogous

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



67.4295, 67.5196, 56.1723



63.6451, 67.5196, 54.4779



60.1414, 67.5196, 57.4546

Triad

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



63.6451, 67.5196, 54.4779



58.2897, 67.5196, 85.9642



71.0117, 67.5196, 83.0699

Complementary

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



63.6451, 67.5196, 54.4779



52.4105, 54.0857, 78.9117

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.



68.3858, 67.5196, 92.3253



63.6451, 67.5196, 54.4779



61.0277, 67.5196, 94.1092

Square

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



63.6451, 67.5196, 54.4779



57.1281, 67.5196, 75.0507



64.7085, 67.5196, 96.5445



71.7795, 67.5196, 72.0050

Rectangle

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



63.6451, 67.5196, 54.4779



58.4065, 67.5196, 61.8792



64.7085, 67.5196, 96.5445



70.3121, 67.5196, 86.5303

Sweetspot

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



63.6469, 67.5226, 54.4793



91.4191, 96.5245, 96.0174



57.7456, 53.7794, 58.4946



19.4857, 20.5809, 20.2647



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.



63.6469, 67.5226, 54.4793



82.7897, 87.8840, 66.5718



63.5560, 71.7471, 55.2995



14.5523, 15.3905, 14.5105



25.8610, 25.1600, 3.4933



1.8641, 1.8870, 0.2660

Inverse Universe

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



52.4105, 54.0857, 78.9117



65.5186, 67.2324, 104.1317



52.4662, 50.6153, 78.2389



13.2424, 13.8238, 17.3580



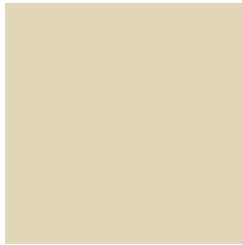
8.8109, 5.0914, 41.5667



0.6827, 0.4970, 2.9052

Previews

White Background



This preview shows how the XYZ color 63.6451, 67.5196, 54.4779 looks on a white background.

Color Contrast Check

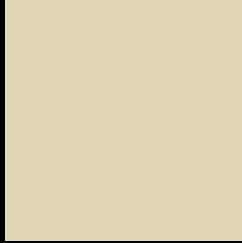
Large Text (above 18pt) WCAG AA × Fail

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 63.6451, 67.5196, 54.4779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

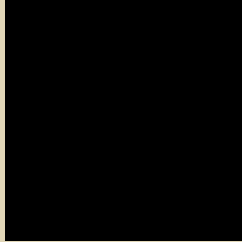
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6451, 67.5196, 54.4779

Background



This preview shows how black text looks on a background with the XYZ color 63.6451, 67.5196, 54.4779.

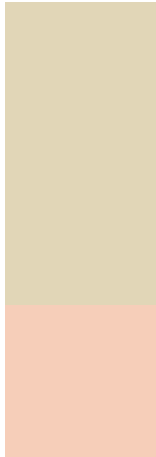


This preview shows how white text looks on a background with the XYZ color 63.6451, 67.5196,

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

63.6451, 67.5196, 54.4779

Protanopia

63.6451, 67.5196, 54.4779

Deuteranopia

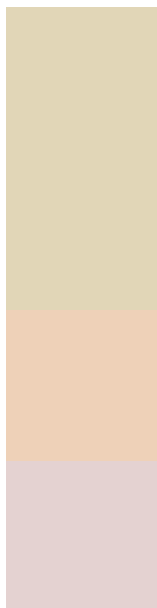
68.8343, 67.2382, 55.2493



Tritanopia

68.6435, 67.3166, 79.8965

Trichromacy



Original Color

63.6451, 67.5196, 54.4779

Protanomaly

63.6451, 67.5196, 54.4779

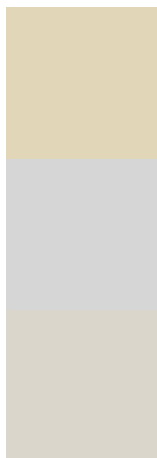
Deuteranomaly

66.7121, 67.2388, 54.8097

Tritanomaly

66.5501, 67.1906, 69.7831

Monochromacy



Original Color

63.6451, 67.5196, 54.4779

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.7395, 67.3104, 66.1327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6451, 67.5196, 54.4779 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.6451, 67.5196, 54.4779 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, 183) }
```


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

```
.border{ border-color:rgb(225, 214, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 214, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 214, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 214,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6451, 67.5196, 54.4779 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, 183) }
```

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

```
.background{ background-color: rgb(225,  
214, 183) }
```

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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