

Converting Colors

XYZ(63.6342, 66.5968, 54.4652)

Have a look what the booklet for
XYZ(63.6342, 66.5968, 54.4652)
contains.

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Color

**XYZ(63.7693, 66.8368,
54.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4B7
RGB	227, 212, 183
RGB Percent	89%, 83%, 72%
CMY	0.1098, 0.1686, 0.2823
CMYK	0.00, 0.07, 0.19, 0.11
HSL	40°, 44%, 80%
HSV	40°, 19%, 89%
XYZ	63.7693, 66.8368, 54.3395
YIQ	213.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

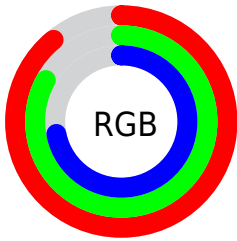
Format	Color
R _Y B	206, 227, 183
Decimal	14931127
CIE Lab	85.42, 0.56, 16.22
CIE LCh	85, 16.233, 88.035
Yxy	66.8368, 0.3448, 0.3614
Android (android.graphics.Color)	4293121207 (0xFFE3D4B7)
YUV	213.1790, -14.8782, 12.1210
Hunter-Lab	81.7538, -3.8362, 17.8192

Details

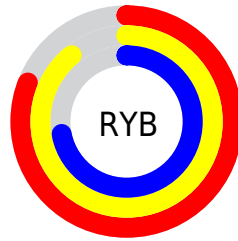
The XYZ color **63.7693, 66.8368, 54.3395** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5873, 56.0001, 80.6582**, and the grayscale version is **63.4550, 66.7596, 72.7012**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **32.8808, 34.3836, 26.0228** is the 20% darker color. If you saturate the color by 10%, you get **59.7073, 62.1936, 42.2538**, and if you desaturate by 10%, it is **68.3086, 71.8238, 68.4658**.

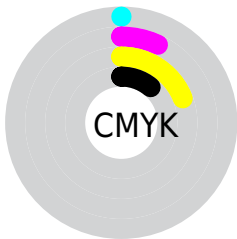
Distribution



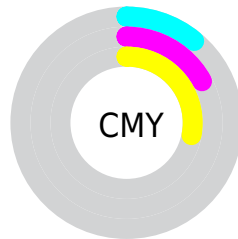
- Red (89%)
- Green (83%)
- Blue (72%)



- Red (81%)
- Yellow (89%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7693, 66.8368, 54.3395 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 63.7693, 66.8368, 54.3395 by changing the saturation by 10% instead.


 63.7693, 66.8368,
54.3395

 63.7693, 66.8368,
54.3395


427.9715,
449.3636, 420.6145

 46.7248, 48.9520,
38.4781


 109.3542,
114.6865, 98.0340

 33.0252, 34.5814,
26.0493


138.6254,
145.4203, 126.7041

 22.3051, 23.3406,
16.6344


172.7028,
181.2058, 160.4810

 14.1991, 14.8452,
9.8150

211.9519,
222.4274, 199.7831

 8.3419, 8.7108,
5.1725

256.7379,
269.4697, 245.0289

 4.3681, 4.5530,
2.2883

307.4263,

 1.9124, 1.9875,

322.7168, 296.6371

0.7247

364.3824,
382.5534, 355.0261

■ 0.5840, 0.6002,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7693, 66.8368,
54.3395

■ 63.7693, 66.8368,
54.3395

■ 59.7073, 62.1936,
42.2538

■ 68.3086, 71.8238,
68.4658

■ 56.0978, 57.8753,
32.1082

■ 73.3382, 77.1549,
84.7186

■ 52.9216, 53.8745,
23.7995

■ 78.8771, 82.8419,
103.1838

■ 50.1556, 50.1798,
17.2136

■ 81.7645, 87.6226,
107.2111

■ 47.7745, 46.7787,
12.2234

■ 84.1281, 92.3498,
107.9990

■ 45.7494, 43.6577,
8.6839

■ 85.4887, 95.0710,
108.4525

■ 44.0464, 40.8007,
6.4235

■ 42.6113, 38.1838,
5.1646

■ 42.5275, 38.0285,
5.0988

Harmonies

Analogous

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



67.3469, 66.8368, 56.8981



63.7693, 66.8368, 54.3395



60.2579, 66.8368, 56.3105

Triad

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



63.7693, 66.8368, 54.3395



57.4825, 66.8368, 82.7216



69.7213, 66.8368, 84.0394

Complementary

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



63.7693, 66.8368, 54.3395



53.5873, 56.0001, 80.6582

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.



66.9110, 66.8368, 92.1691



63.7693, 66.8368, 54.3395



59.8531, 66.8368, 91.3581

Square

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



63.7693, 66.8368, 54.3395



56.7129, 66.8368, 72.0813



63.2841, 66.8368, 94.9669



70.8648, 66.8368, 73.4710

Rectangle

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



63.7693, 66.8368, 54.3395



58.4083, 66.8368, 60.0455



63.2841, 66.8368, 94.9669



68.9350, 66.8368, 87.1849

Sweetspot

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



63.7711, 66.8398, 54.3409



91.0427, 95.7716, 95.8919



58.8520, 54.2944, 61.0471



19.3966, 20.4027, 20.2350



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.



63.7711, 66.8398, 54.3409



80.9555, 84.6850, 64.5127



65.6533, 73.6357, 55.5535



15.1663, 15.9466, 15.1831



24.9143, 22.4028, 3.0110



1.9264, 1.8262, 0.2510

Inverse Universe

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



53.5873, 56.0001, 80.6582



65.5487, 68.2879, 104.3338



51.9348, 50.3096, 79.6470



13.9823, 14.6861, 18.2421



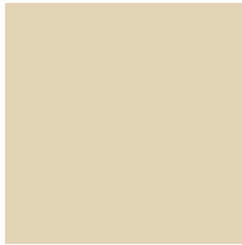
9.7460, 6.5542, 43.1346



0.8039, 0.6518, 3.2154

Previews

White Background



This preview shows how the XYZ color 63.7693, 66.8368, 54.3395 looks on a white background.

Color Contrast Check

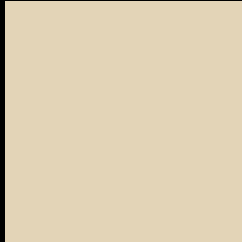
Large Text (above 18pt) WCAG AA × Fail

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 63.7693, 66.8368, 54.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

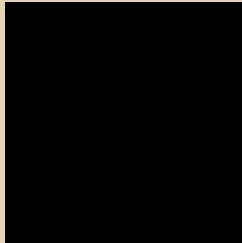
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

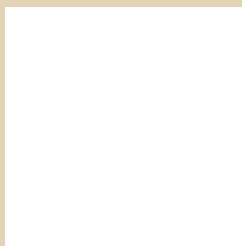
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7693, 66.8368, 54.3395

Background



This preview shows how black text looks on a background with the XYZ color 63.7693, 66.8368, 54.3395.



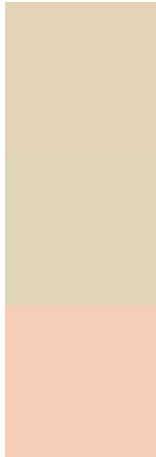
This preview shows how white text looks on a background with the XYZ color 63.7693, 66.8368,

54.3395.

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

63.7693, 66.8368, 54.3395

Protanopia

63.0820, 66.8547, 54.3792

Deuteranopia

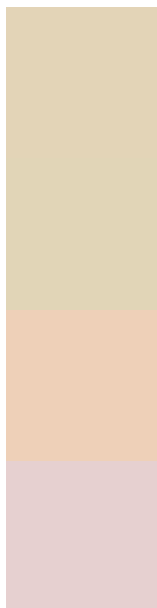
68.3792, 67.0158, 54.6788



Tritanopia

68.6693, 66.6261, 79.0529

Trichromacy



Original Color

63.7693, 66.8368, 54.3395

Protanomaly

63.3928, 67.0149, 54.3938

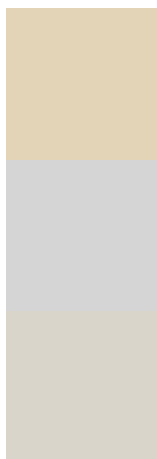
Deuteranomaly

66.4675, 66.7496, 54.7281

Tritanomaly

66.5742, 66.4888, 68.9993

Monochromacy



Original Color

63.7693, 66.8368, 54.3395

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3684, 66.7582, 65.4229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7693, 66.8368, 54.3395 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(227, 212, 183)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 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(227, 212, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 183) }
```

Border

The CSS property to change the border of an element to XYZ 63.7693, 66.8368, 54.3395 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(227, 212, 183) }
```


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

```
.border{ border-color:rgb(227, 212, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 183);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7693, 66.8368, 54.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 183) }
```

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

```
.background{ background-color: rgb(227,  
212, 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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