

Converting Colors

XYZ(63.4843, 67.3465, 41.5515)

Have a look what the booklet for
XYZ(63.4843, 67.3465, 41.5515)
contains.

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Color

**XYZ(63.4843, 67.3465,
41.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D59D
RGB	233, 213, 157
RGB Percent	91%, 84%, 62%
CMY	0.0863, 0.1647, 0.3843
CMYK	0.00, 0.09, 0.33, 0.09
HSL	44°, 63%, 76%
HSV	44°, 33%, 91%
XYZ	63.4843, 67.3465, 41.5515
YIQ	212.5960, 29.8960, -13.1760

Conversions

Conversions Part 2

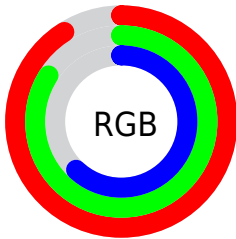
Format	Color
RYB	184, 233, 157
Decimal	15324573
CIELab	85.68, -1.20, 30.24
CIELCh	86, 30.264, 92.282
Yxy	67.3465, 0.3683, 0.3907
Android (android.graphics.Color)	4293514653 (0xFFE9D59D)
YUV	212.5960, -27.4088, 17.8943
Hunter-Lab	82.0649, -5.5284, 27.4254

Details

The XYZ color **63.4843, 67.3465, 41.5515** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3343, 44.4941, 83.3423**, and the grayscale version is **63.1407, 66.4289, 72.3411**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **32.6812, 34.7037, 18.3406** is the 20% darker color. If you saturate the color by 10%, you get **60.1694, 63.6023, 31.5506**, and if you desaturate by 10%, it is **67.2403, 71.3652, 53.5724**.

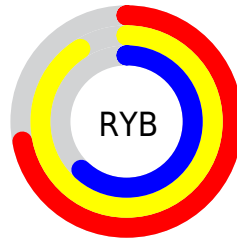
Distribution



Red (91%)

Green (84%)

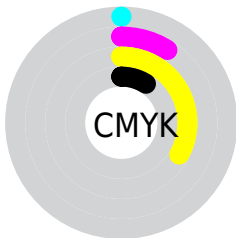
Blue (62%)



Red (72%)

Yellow (91%)

Blue (62%)

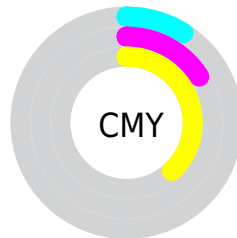


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4843, 67.3465, 41.5515 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 63.4843, 67.3465, 41.5515 by changing the saturation by 10% instead.

63.4843, 67.3465,
41.5515

63.4843, 67.3465,
41.5515

426.9568,
451.1771, 368.3650

46.4932, 49.3663,
28.4273

108.9458,
115.4168, 78.7831

32.8415, 34.9101,
18.4062

138.1469,
146.2756, 103.7277

22.1637, 23.5936,
11.0696

172.1488,
182.1961, 133.4494

14.0945, 15.0325,
5.9989

211.3168,
223.5626, 168.3669

8.2686, 8.8422,
2.7756

256.0162,
270.7596, 208.8986

4.3205, 4.6384,
0.9812

306.6125,

1.8850, 2.0367,

324.1714, 255.4632

0.0000

363.4709,
384.1825, 308.4792

■ 0.5681, 0.6287,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4843, 67.3465,
41.5515

■ 63.4843, 67.3465,
41.5515

■ 60.1694, 63.6023,
31.5506

■ 67.2403, 71.3652,
53.5724

■ 57.2682, 60.1133,
23.4516

■ 71.4528, 75.6584,
67.7144

■ 54.7580, 56.8720,
17.1300

■ 76.1426, 80.2378,
84.0765

■ 52.6114, 53.8663,
12.4453

■ 81.3278, 85.1116,
102.7504

■ 50.7970, 51.0825,
9.2352

■ 83.9013, 89.0378,
107.3717

■ 49.2769, 48.5045,
7.3038

■ 85.7732, 92.7814,
107.9956

■ 48.3000, 46.7151,
6.4712

■ 87.4143, 96.0636,
108.5427

Harmonies

Analogous

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



70.3787, 67.3465, 44.5861



63.4843, 67.3465, 41.5515



57.1866, 67.3465, 45.6801

Triad

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



63.4843, 67.3465, 41.5515



53.4418, 67.3465, 95.5393



76.4817, 67.3465, 92.4490

Complementary

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



63.4843, 67.3465, 41.5515



44.3343, 44.4941, 83.3423

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.



71.3574, 67.3465, 110.3495



63.4843, 67.3465, 41.5515



58.0391, 67.3465, 112.3471

Square

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



63.4843, 67.3465, 41.5515



51.6541, 67.3465, 74.8514



64.5403, 67.3465, 118.1975



78.1959, 67.3465, 71.8272

Rectangle

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



63.4843, 67.3465, 41.5515



54.0840, 67.3465, 52.4629



64.5403, 67.3465, 118.1975



75.0836, 67.3465, 99.1023

Sweetspot

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



63.4860, 67.3496, 41.5529



89.1098, 94.2592, 87.9926



53.6241, 44.6233, 47.5221



18.9048, 20.0088, 18.2534



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.



63.4860, 67.3496, 41.5529



75.1767, 79.5931, 42.6538



63.3277, 75.1997, 43.0765



15.9972, 16.9174, 15.9410



27.5127, 26.7197, 3.7073



2.2381, 2.2534, 0.3170

Inverse Universe

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



44.3343, 44.4941, 83.3423



48.3428, 47.5819, 101.2440



44.3850, 39.0811, 82.2948



14.5534, 15.1933, 19.0878



9.3876, 5.4221, 44.2948



0.8136, 0.5786, 3.5037

Previews

White Background



This preview shows how the XYZ color 63.4843, 67.3465, 41.5515 looks on a white background.

Color Contrast Check

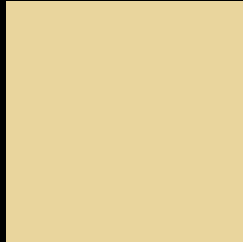
Large Text (above 18pt) WCAG AA × Fail

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 63.4843, 67.3465, 41.5515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

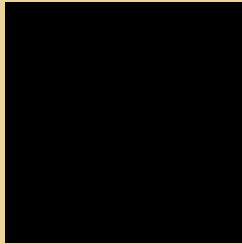
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4843, 67.3465, 41.5515

Background



This preview shows how black text looks on a background with the XYZ color 63.4843, 67.3465, 41.5515.

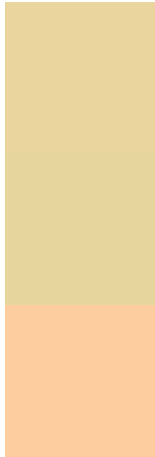


This preview shows how white text looks on a background with the XYZ color 63.4843, 67.3465,

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

63.4843, 67.3465, 41.5515

Protanopia

62.7655, 67.3505, 41.5901

Deuteranopia

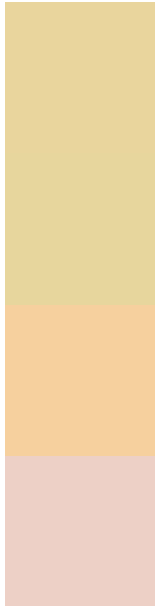
68.5973, 67.0485, 42.1271



Tritanopia

70.8176, 67.4084, 77.6852

Trichromacy



Original Color

63.4843, 67.3465, 41.5515

Protanomaly

63.0874, 67.5164, 41.6052

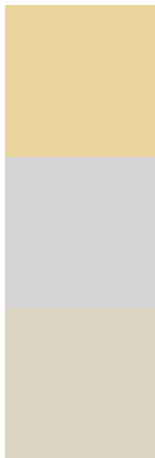
Deuteranomaly

66.7335, 67.1732, 41.7962

Tritanomaly

67.6740, 67.1935, 62.8289

Monochromacy



Original Color

63.4843, 67.3465, 41.5515

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9351, 66.6544, 60.0006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4843, 67.3465, 41.5515 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(233, 213, 157)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 157)  
}
```

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(233, 213, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 157) }
```

Border

The CSS property to change the border of an element to XYZ 63.4843, 67.3465, 41.5515 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(233, 213, 157) }
```


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

```
.border{ border-color:rgb(233, 213, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 157);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4843, 67.3465, 41.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 157) }
```

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

```
.background{ background-color: rgb(233,  
213, 157) }
```

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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