

Converting Colors

XYZ(61.9555, 68.4835, 40.5251)

Have a look what the booklet for
XYZ(61.9555, 68.4835, 40.5251)
contains.

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Color

**XYZ(61.9555, 68.4835,
40.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DA9A
RGB	225, 218, 154
RGB Percent	88%, 85%, 60%
CMY	0.1176, 0.1451, 0.3961
CMYK	0.00, 0.03, 0.32, 0.12
HSL	54°, 54%, 74%
HSV	54°, 32%, 88%
XYZ	61.9555, 68.4835, 40.5251
YIQ	212.7970, 24.7160, -18.4200

Conversions

Conversions Part 2

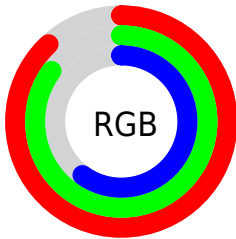
Format	Color
R _{YB}	162, 225, 154
Decimal	14801562
CIE Lab	86.25, -7.19, 32.43
CIE LCh	86, 33.214, 102.510
Yxy	68.4835, 0.3624, 0.4006
Android (android.graphics.Color)	4292991642 (0xFFE1DA9A)
YUV	212.7970, -28.9869, 10.7020
Hunter-Lab	82.7548, -11.1843, 28.8939

Details

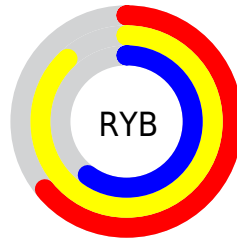
The XYZ color **61.9555, 68.4835, 40.5251** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6617, 37.7950, 76.4390**, and the grayscale version is **63.2877, 66.5836, 72.5095**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **31.8577, 35.5887, 17.7606** is the 20% darker color. If you saturate the color by 10%, you get **59.6842, 66.6638, 31.3733**, and if you desaturate by 10%, it is **64.5893, 70.4653, 51.5322**.

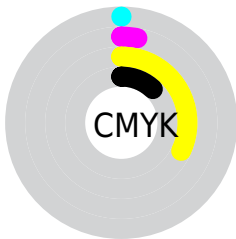
Distribution



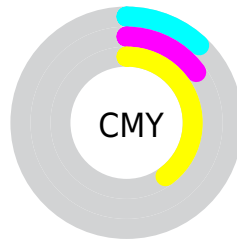
- Red (88%)
- Green (85%)
- Blue (60%)



- Red (64%)
- Yellow (88%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (12%)





- Cyan (12%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9555, 68.4835, 40.5251 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 61.9555, 68.4835, 40.5251 by changing the saturation by 10% instead.


 61.9555, 68.4835,
40.5251


 61.9555, 68.4835,
40.5251


421.4889,
455.2072, 363.9495

 45.2522, 50.2912,
27.6313


 106.7515,
117.0436, 77.2083

 31.8583, 35.6448,
17.8113


 135.5749,
148.1801, 101.8347

 21.4083, 24.1600,
10.6466

169.1691,
184.4001, 131.2091

 13.5369, 15.4524,
5.7185


207.8994,
226.0881, 165.7500

 7.8788, 9.1375,
2.6087

252.1312,
273.6284, 205.8760

 4.0687, 4.8310,
0.8969

302.2298,

 1.7411, 2.1484,

327.4054, 252.0055

0.0000

358.5606,
387.8036, 304.5572

■ 0.4818, 0.6917,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9555, 68.4835,
40.5251

■ 61.9555, 68.4835,
40.5251

■ 59.6842, 66.6638,
31.3733

■ 64.5893, 70.4653,
51.5322

■ 57.7504, 64.9889,
23.9689


■ 67.5985, 72.6073,
64.4859


■ 56.1343, 63.4533,
18.1997


■ 71.0018, 74.9192,
79.4766

■ 54.8116, 62.0473,
13.9382


■ 74.8150, 77.4076,
96.5877


 53.7546, 60.7596,
11.0387


 77.1452, 79.3153,
105.8511


 52.9301, 59.5770,
9.3260

 77.7628, 80.5504,
106.0570

 52.3683, 58.6413,
8.5588

 78.3882, 81.8013,
106.2655

 79.0216, 83.0679,
106.4766

 79.6628, 84.3504,
106.6903

Harmonies

Analogous

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



69.6152, 68.4835, 41.1595



61.9555, 68.4835, 40.5251



55.6452, 68.4835, 47.6135

Triad

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



61.9555, 68.4835, 40.5251



54.8348, 68.4835, 106.8258



80.1606, 68.4835, 87.9642

Complementary

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



61.9555, 68.4835, 40.5251



39.6617, 37.7950, 76.4390

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.



75.5507, 68.4835, 110.1502



61.9555, 68.4835, 40.5251



60.7681, 68.4835, 122.4211

Square

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



61.9555, 68.4835, 40.5251



51.7557, 68.4835, 84.0741



68.3316, 68.4835, 123.7448



80.5414, 68.4835, 65.8049

Rectangle

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



61.9555, 68.4835, 40.5251



52.8900, 68.4835, 56.7553



68.3316, 68.4835, 123.7448



79.0385, 68.4835, 95.7622

Sweetspot

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



61.9572, 68.4866, 40.5265



90.8556, 97.1750, 90.3492



49.0494, 41.6963, 39.2284



19.3105, 20.7055, 18.7421



0.0000, 0.0000, 0.0000



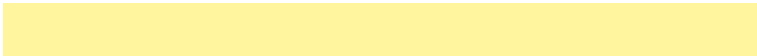
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9572, 68.4866, 40.5265



80.2101, 89.3119, 45.4043



55.6798, 68.0002, 40.7635



14.7503, 15.7866, 14.5765



30.2255, 33.8889, 4.9482



2.1290, 2.4168, 0.3543

Inverse Universe

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



39.6617, 37.7950, 76.4390



46.1076, 42.3740, 100.3566



44.5329, 38.5422, 76.3265



13.0601, 13.4594, 17.2973



8.0372, 3.5439, 41.3088



0.5946, 0.3207, 2.8758

Previews

White Background



This preview shows how the XYZ color 61.9555, 68.4835, 40.5251 looks on a white background.

Color Contrast Check

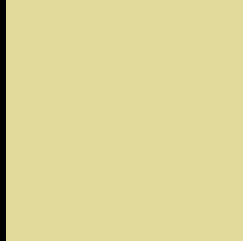
Large Text (above 18pt) WCAG AA × Fail

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 61.9555, 68.4835, 40.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

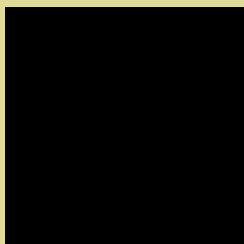
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9555, 68.4835, 40.5251

Background



This preview shows how black text looks on a background with the XYZ color 61.9555, 68.4835, 40.5251.



This preview shows how white text looks on a background with the XYZ color 61.9555, 68.4835,

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

61.9555, 68.4835, 40.5251

Protanopia

63.9099, 68.7353, 40.0358

Deuteranopia

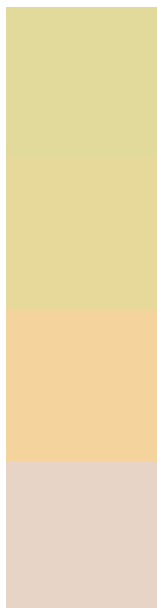
69.7244, 68.3543, 41.8666



Tritanopia

70.3228, 68.5296, 80.7553

Trichromacy



Original Color

61.9555, 68.4835, 40.5251

Protanomaly

63.1958, 68.7486, 40.0760

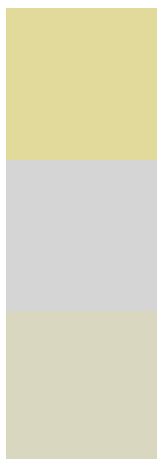
Deuteranomaly

66.6883, 68.2559, 41.5582

Tritanomaly

66.8073, 68.1994, 63.6755

Monochromacy



Original Color

61.9555, 68.4835, 40.5251

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.4301, 67.1584, 59.5416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9555, 68.4835, 40.5251 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, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 154)  
}
```

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, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 154) }
```

Border

The CSS property to change the border of an element to XYZ 61.9555, 68.4835, 40.5251 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, 218, 154) }
```


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

```
.border{ border-color:rgb(225, 218, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9555, 68.4835, 40.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 154) }
```

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

```
.background{ background-color: rgb(225,  
218, 154) }
```

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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