

Converting Colors

XYZ(61.1492, 68.7288, 39.2608)

Have a look what the booklet for
XYZ(61.1492, 68.7288, 39.2608)
contains.

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Color

**XYZ(61.3033, 68.9504,
39.3559)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDC97
RGB	222, 220, 151
RGB Percent	87%, 86%, 59%
CMY	0.1294, 0.1372, 0.4078
CMYK	0.00, 0.01, 0.32, 0.13
HSL	58°, 52%, 73%
HSV	58°, 32%, 87%
XYZ	61.3033, 68.9504, 39.3559
YIQ	212.7320, 23.3410, -21.0350

Conversions

Conversions Part 2

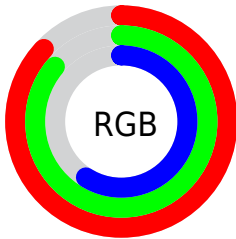
Format	Color
RYB	153, 222, 151
Decimal	14605463
CIELab	86.48, -9.72, 34.22
CIELCh	86, 35.576, 105.857
Yxy	68.9504, 0.3614, 0.4065
Android (android.graphics.Color)	4292795543 (0xFFDEDC97)
YUV	212.7320, -30.4339, 8.1280
Hunter-Lab	83.0364, -13.5324, 30.0244

Details

The XYZ color **61.3033, 68.9504, 39.3559** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3384, 34.6347, 73.8245**, and the grayscale version is **63.2542, 66.5484, 72.4712**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **31.4331, 35.9181, 17.0806** is the 20% darker color. If you saturate the color by 10%, you get **59.5049, 67.9721, 30.6837**, and if you desaturate by 10%, it is **63.4453, 70.0720, 49.8192**.

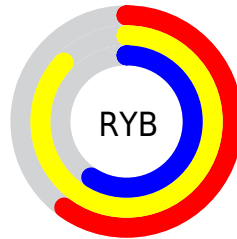
Distribution



Red (87%)

Green (86%)

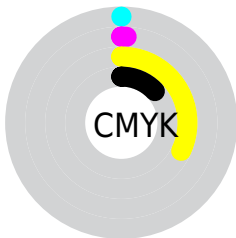
Blue (59%)



Red (60%)

Yellow (87%)

Blue (59%)

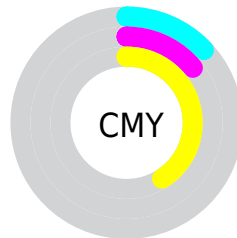


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (14%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3033, 68.9504, 39.3559 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 61.3033, 68.9504, 39.3559 by changing the saturation by 10% instead.


 61.3033, 68.9504,
39.3559

 61.3033, 68.9504,
39.3559


419.1434,
456.8560, 358.8723

 44.7235, 50.6713,
26.7268


 105.8136,
117.7107, 75.4080

 31.4400, 35.9471,
17.1375

 134.4748,
148.9608, 99.6681

 21.0876, 24.3933,
10.1696


167.8937,
185.3032, 128.6422

 13.3009, 15.6257,
5.4045

206.4359,
227.1225, 162.7489

 7.7145, 9.2597,
2.4236

250.4666,
274.8031, 202.4067

 3.9631, 4.9109,
0.7993

300.3512,

 1.6813, 2.1951,

328.7292, 248.0342

0.0000

356.4550,
389.2854, 300.0499

■ 0.4445, 0.7173,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3033, 68.9504,
39.3559

■ 61.3033, 68.9504,
39.3559

■ 59.5049, 67.9721,
30.6837

■ 63.4453, 70.0720,
49.8192

■ 58.0258, 67.1201,
23.6976

■ 65.9434, 71.3345,
62.1619

■ 56.8467, 66.3890,
18.2886

■ 68.8156, 72.7477,
76.4718

■ 55.9442, 65.7696,
14.3328

■ 72.0773, 74.3177,
92.8300

■ 55.2913, 65.2509,
11.6882

■ 74.5949, 75.5910,
105.2667

■ 54.8555, 64.8201,
10.1842

■ 74.7619, 75.9250,
105.3224

■ 54.6198, 64.5208,
9.5750

■ 74.9296, 76.2603,
105.3782

■ 75.0978, 76.5968,
105.4343

■ 75.2667, 76.9346,
105.4906

Harmonies

Analogous

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



69.4810, 68.9504, 39.1281



61.3033, 68.9504, 39.3559



54.8165, 68.9504, 47.7139

Triad

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



61.3033, 68.9504, 39.3559



55.1143, 68.9504, 112.5459



82.1201, 68.9504, 86.7102

Complementary

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



61.3033, 68.9504, 39.3559



37.3384, 34.6347, 73.8245

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.



77.5675, 68.9504, 111.2945



61.3033, 68.9504, 39.3559



61.7418, 68.9504, 128.1937

Square

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



61.3033, 68.9504, 39.3559



51.4530, 68.9504, 88.1602



69.9577, 68.9504, 127.6929



81.9777, 68.9504, 63.3537

Rectangle

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



61.3033, 68.9504, 39.3559



52.1219, 68.9504, 58.0124



69.9577, 68.9504, 127.6929



81.0726, 68.9504, 95.1932

Sweetspot

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



61.3050, 68.9535, 39.3573



90.9847, 98.0090, 88.6175



46.9715, 39.9756, 35.5374



19.3613, 20.9217, 18.4055



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.



61.3050, 68.9535, 39.3573



82.3181, 93.5278, 46.1070



52.6608, 65.2789, 39.1037



14.8370, 15.9600, 14.6054



32.4576, 38.3532, 5.6922



2.2603, 2.6795, 0.3981

Inverse Universe

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



37.3384, 34.6347, 73.8245



44.8840, 39.9267, 99.9487



44.0512, 37.6148, 74.0459



12.9828, 13.3046, 17.2715



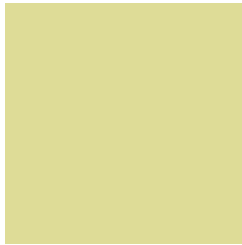
7.8852, 3.2399, 41.2581



0.5576, 0.2467, 2.8635

Previews

White Background



This preview shows how the XYZ color 61.3033, 68.9504, 39.3559 looks on a white background.

Color Contrast Check

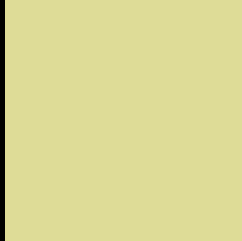
Large Text (above 18pt) WCAG AA × Fail

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 61.3033, 68.9504, 39.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

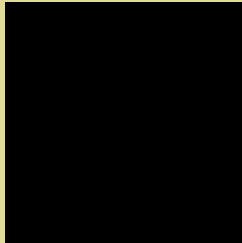
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3033, 68.9504, 39.3559

Background



This preview shows how black text looks on a background with the XYZ color 61.3033, 68.9504, 39.3559.



This preview shows how white text looks on a background with the XYZ color 61.3033, 68.9504,

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

61.3033, 68.9504, 39.3559

Protanopia

63.9124, 68.7741, 38.3400

Deuteranopia

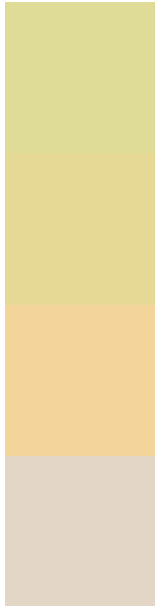
69.9674, 68.8404, 41.9476



Tritanopia

69.8667, 68.6282, 82.2372

Trichromacy



Original Color

61.3033, 68.9504, 39.3559

Protanomaly

62.9510, 68.6507, 38.7872

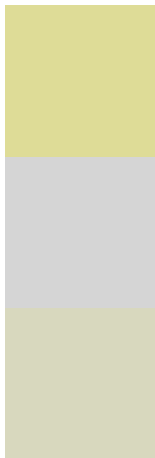
Deuteranomaly

66.4220, 68.5082, 40.7329

Tritanomaly

66.3503, 68.7106, 63.7983

Monochromacy



Original Color

61.3033, 68.9504, 39.3559

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.1690, 67.4284, 58.4535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3033, 68.9504, 39.3559 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(222, 220, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 220, 151)  
}
```

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(222, 220, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 220, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.3033, 68.9504, 39.3559 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(222, 220, 151) }
```


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

```
.border{ border-color:rgb(222, 220, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 220, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 220, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 220, 151); box-shadow:4px 4px 4px 4px rgb(222, 220, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3033, 68.9504, 39.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 220, 151) }
```

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

```
.background{ background-color: rgb(222,  
220, 151) }
```

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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