

Converting Colors

XYZ(61.2687, 67.9949, 39.0852)

Have a look what the booklet for
XYZ(61.2687, 67.9949, 39.0852)
contains.

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Color

**XYZ(61.3978, 68.2245,
39.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DA97
RGB	224, 218, 151
RGB Percent	88%, 85%, 59%
CMY	0.1216, 0.1451, 0.4078
CMYK	0.00, 0.03, 0.33, 0.12
HSL	55°, 54%, 74%
HSV	55°, 33%, 88%
XYZ	61.3978, 68.2245, 39.2108
YIQ	212.1560, 25.0830, -19.5650

Conversions

Conversions Part 2

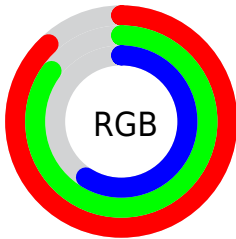
Format	Color
RYB	158, 224, 151
Decimal	14736023
CIELab	86.12, -7.94, 33.78
CIELCh	86, 34.697, 103.234
Yxy	68.2245, 0.3637, 0.4041
Android (android.graphics.Color)	4292926103 (0xFFE0DA97)
YUV	212.1560, -30.1499, 10.3872
Hunter-Lab	82.5981, -11.8620, 29.6727

Details

The XYZ color **61.3978, 68.2245, 39.2108** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2738, 36.0741, 75.4668**, and the grayscale version is **62.8671, 66.1411, 72.0277**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **31.4978, 35.4201, 16.9810** is the 20% darker color. If you saturate the color by 10%, you get **59.2751, 66.6188, 30.3651**, and if you desaturate by 10%, it is **63.8749, 69.9852, 49.8815**.

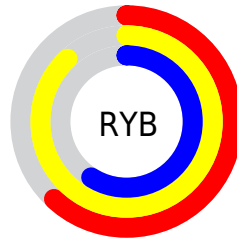
Distribution



Red (88%)

Green (85%)

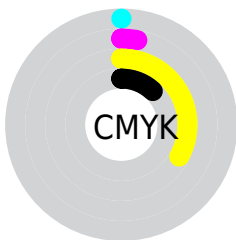
Blue (59%)



Red (62%)

Yellow (88%)

Blue (59%)

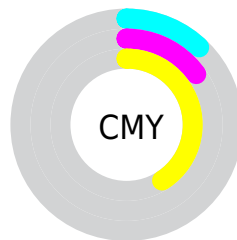


Cyan (0%)

Magenta (3%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3978, 68.2245, 39.2108 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 61.3978, 68.2245, 39.2108 by changing the saturation by 10% instead.

61.3978, 68.2245,
39.2108

61.3978, 68.2245,
39.2108

419.4837,
454.2910, 358.2386

44.8000, 50.0804,
26.6147

105.9496,
116.6732, 75.1841

31.5006, 35.4773,
17.0542

134.6343,
147.7467, 99.3984

21.1340, 24.0308,
10.1107

168.0787,
183.8987, 128.3225

13.3350, 15.3564,
5.3659

206.6482,
225.5137, 162.3749

7.7382, 9.0699,
2.4010

250.7081,
272.9760, 201.9741

3.9783, 4.7868,
0.7870

300.6237,

1.6899, 2.1227,

326.6700, 247.5388

0.0000

356.7605,
386.9803, 299.4874

■ 0.4499, 0.6774,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3978, 68.2245,
39.2108

■ 61.3978, 68.2245,
39.2108

■ 59.2751, 66.6188,
30.3651

■ 63.8749, 69.9852,
49.8815

■ 57.4820, 65.1510,
23.2366


■ 66.7194, 71.8990,
62.4680


■ 55.9986, 63.8155,
17.7131


■ 69.9498, 73.9757,
77.0605


■ 54.8007, 62.6026,
13.6671


■ 73.5819, 76.2216,
93.7420


 53.8604, 61.5010,
10.9518


 76.3151, 78.1165,
105.6635


 53.1440, 60.4974,
9.3903

 76.8215, 79.1293,
105.8323

 52.7171, 59.8006,
8.7642

 77.3333, 80.1529,
106.0029

 77.8505, 81.1873,
106.1753

 78.3731, 82.2325,
106.3495

Harmonies

Analogous

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



69.3701, 68.2245, 39.6702



61.3978, 68.2245, 39.2108



54.8985, 68.2245, 46.6627

Triad

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



61.3978, 68.2245, 39.2108



54.3025, 68.2245, 108.6104



80.6641, 68.2245, 87.6871

Complementary

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



61.3978, 68.2245, 39.2108



38.2738, 36.0741, 75.4668

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.



75.9265, 68.2245, 111.0948



61.3978, 68.2245, 39.2108



60.5217, 68.2245, 124.7683

Square

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



61.3978, 68.2245, 39.2108



51.0342, 68.2245, 84.7991



68.4196, 68.2245, 125.7608



80.9473, 68.2245, 64.6778

Rectangle

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



61.3978, 68.2245, 39.2108



52.0949, 68.2245, 56.2103



68.4196, 68.2245, 125.7608



79.5230, 68.2245, 95.8699

Sweetspot

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



61.3995, 68.2276, 39.2122



90.5484, 97.1364, 88.4721



47.9006, 40.4185, 37.2134



19.2549, 20.7089, 18.3701



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.



61.3995, 68.2276, 39.2122



80.4126, 90.0649, 44.3991



54.3834, 66.9602, 39.3374



14.7704, 15.8269, 14.5832



30.7259, 34.8898, 5.1150



2.1586, 2.4761, 0.3642

Inverse Universe

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



38.2738, 36.0741, 75.4668



44.8981, 40.6926, 100.0958



43.6757, 37.3901, 75.4361



13.0421, 13.4232, 17.2912



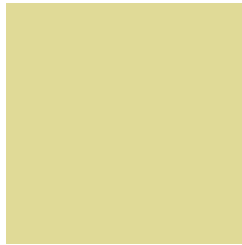
7.9947, 3.4589, 41.2946



0.5860, 0.3035, 2.8729

Previews

White Background



This preview shows how the XYZ color 61.3978, 68.2245, 39.2108 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 61.3978, 68.2245, 39.2108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

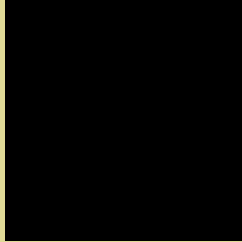
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3978, 68.2245, 39.2108

Background



This preview shows how black text looks on a background with the XYZ color 61.3978, 68.2245, 39.2108.



This preview shows how white text looks on a background with the XYZ color 61.3978, 68.2245,

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

61.3978, 68.2245, 39.2108

Protanopia

63.4097, 68.1265, 38.6618

Deuteranopia

69.2277, 67.7692, 40.4424



Tritanopia

69.9953, 68.3608, 80.7400

Trichromacy



Original Color

61.3978, 68.2245, 39.2108

Protanomaly

62.6940, 68.1367, 38.7015

Deuteranomaly

66.1876, 67.6594, 40.1430

Tritanomaly

66.3697, 67.9872, 63.0509

Monochromacy



Original Color

61.3978, 68.2245, 39.2108

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6597, 66.4098, 58.2837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3978, 68.2245, 39.2108 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(224, 218, 151)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 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(224, 218, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.3978, 68.2245, 39.2108 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(224, 218, 151) }
```


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

```
.border{ border-color:rgb(224, 218, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 151);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3978, 68.2245, 39.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 151) }
```

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

```
.background{ background-color: rgb(224,  
218, 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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