

Converting Colors

XYZ(61.5279, 69.3846, 33.8665)

Have a look what the booklet for
XYZ(61.5279, 69.3846, 33.8665)
contains.

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Color

**XYZ(61.7358, 69.6878,
33.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DD89
RGB	226, 221, 137
RGB Percent	89%, 87%, 54%
CMY	0.1137, 0.1333, 0.4627
CMYK	0.00, 0.02, 0.39, 0.11
HSL	57°, 61%, 71%
HSV	57°, 39%, 89%
XYZ	61.7358, 69.6878, 33.8642
YIQ	212.9190, 29.9440, -25.0640

Conversions

Conversions Part 2

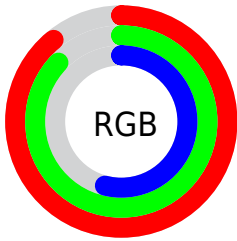
Format	Color
RYB	142, 226, 137
Decimal	14867849
CIELab	86.84, -10.28, 41.81
CIElCh	87, 43.055, 103.808
Yxy	69.6878, 0.3735, 0.4216
Android (android.graphics.Color)	4293057929 (0xFFE2DD89)
YUV	212.9190, -37.4281, 11.4720
Hunter-Lab	83.4792, -14.0816, 34.3839

Details

The XYZ color **61.7358, 69.6878, 33.8642** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.7168, 30.1545, 75.9946**, and the grayscale version is **63.4215, 66.7244, 72.6629**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **31.6381, 36.3633, 13.9456** is the 20% darker color. If you saturate the color by 10%, you get **59.9486, 68.4417, 26.0909**, and if you desaturate by 10%, it is **63.8685, 71.0812, 43.4295**.

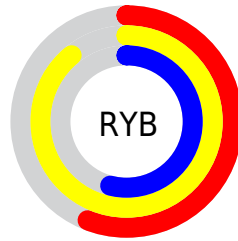
Distribution



Red (89%)

Green (87%)

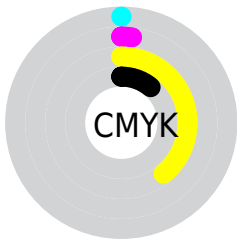
Blue (54%)



Red (56%)

Yellow (89%)

Blue (54%)

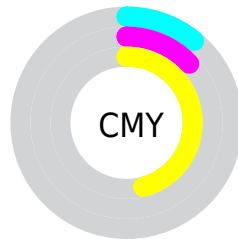


Cyan (0%)

Magenta (2%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7358, 69.6878, 33.8642 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 61.7358, 69.6878, 33.8642 by changing the saturation by 10% instead.

61.7358, 69.6878,
33.8642

61.7358, 69.6878,
33.8642

420.6997,
459.4531, 334.2768

45.0740, 51.2721,
22.5128

106.4357,
118.7634, 66.8539

31.7173, 36.4252,
14.0323

135.2045,
150.1921, 89.3293

21.3001, 24.7627,
8.0041

168.7398,
186.7272, 116.3497

13.4573, 15.9004,
4.0098

207.4068,
228.7531, 148.3338

7.8233, 9.4537,
1.6307

251.5710,
276.6543, 185.6999

4.0330, 5.0383,
0.3126

301.5976,

1.7208, 2.2697,

330.8151, 228.8668

0.0000

357.8520,
391.6199, 278.2529

■ 0.4692, 0.7576,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7358, 69.6878,
33.8642

■ 61.7358, 69.6878,
33.8642

■ 59.9486, 68.4417,
26.0909

■ 63.8685, 71.0812,
43.4295

■ 58.4805, 67.3248,
19.9928


■ 66.3612, 72.6201,
54.8852


■ 57.3093, 66.3306,
15.4458


■ 69.2335, 74.3149,
68.3279


■ 56.4079, 65.4484,
12.3073


■ 72.5024, 76.1724,
83.8461


 55.7442, 64.6653,
10.4079


 76.1836, 78.1989,
101.5230


 55.2659, 63.9604,
9.4730

 77.3268, 79.2143,
105.8221

 55.2384, 63.9176,
9.4260

 77.6782, 79.9171,
105.9392

 78.0321, 80.6251,
106.0572

 78.3887, 81.3381,
106.1760

Harmonies

Analogous

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



71.7651, 69.6878, 34.2129



61.7358, 69.6878, 33.8642



53.7541, 69.6878, 42.5710

Triad

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



61.7358, 69.6878, 33.8642



53.2617, 69.6878, 120.9327



86.5529, 69.6878, 92.3585

Complementary

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



61.7358, 69.6878, 33.8642



33.7168, 30.1545, 75.9946

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.



80.5148, 69.6878, 123.1647



61.7358, 69.6878, 33.8642



60.9988, 69.6878, 142.2985

Square

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



61.7358, 69.6878, 33.8642



49.2063, 69.6878, 89.8496



70.9501, 69.6878, 143.2055



86.8015, 69.6878, 63.4358

Rectangle

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



61.7358, 69.6878, 33.8642



50.3835, 69.6878, 54.0030



70.9501, 69.6878, 143.2055



85.1075, 69.6878, 102.9826

Sweetspot

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



61.7375, 69.6910, 33.8657



89.9636, 97.0929, 84.8050



45.2630, 36.0420, 30.5322



19.1473, 20.7182, 17.6420



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.



61.7375, 69.6910, 33.8657



79.2758, 90.3175, 36.2318



52.3118, 66.8184, 33.8080



14.8024, 15.8908, 14.5938



31.5434, 36.5248, 5.3875



2.2068, 2.5724, 0.3802

Inverse Universe

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



33.7168, 30.1545, 75.9946



37.7202, 31.6922, 98.7369



40.4804, 32.5628, 76.1030



13.0135, 13.3660, 17.2817



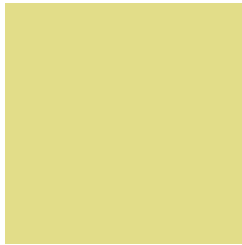
7.9387, 3.3469, 41.2760



0.5723, 0.2762, 2.8684

Previews

White Background



This preview shows how the XYZ color 61.7358, 69.6878, 33.8642 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 61.7358, 69.6878, 33.8642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

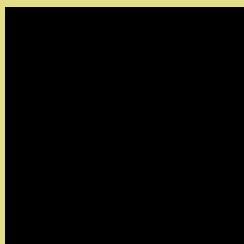
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

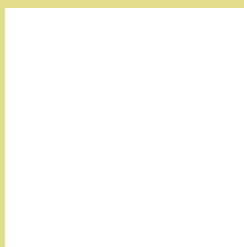
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7358, 69.6878, 33.8642

Background



This preview shows how black text looks on a background with the XYZ color 61.7358, 69.6878, 33.8642.



This preview shows how white text looks on a background with the XYZ color 61.7358, 69.6878,

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

61.7358, 69.6878, 33.8642

Protanopia

64.1818, 69.4078, 33.3069

Deuteranopia

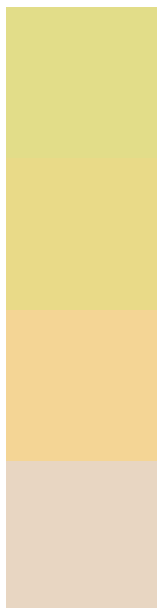
70.0412, 69.2612, 41.1297



Tritanopia

71.5038, 69.4721, 82.3138

Trichromacy



Original Color

61.7358, 69.6878, 33.8642

Protanomaly

63.1196, 69.2440, 33.3312

Deuteranomaly

66.5273, 68.9915, 38.2441

Tritanomaly

67.0629, 69.1440, 60.8505

Monochromacy



Original Color

61.7358, 69.6878, 33.8642

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2263, 67.5199, 55.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7358, 69.6878, 33.8642 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(226, 221, 137)` looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 137)  
}
```

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(226, 221, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 137) }
```

Border

The CSS property to change the border of an element to XYZ 61.7358, 69.6878, 33.8642 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(226, 221, 137) }
```


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

```
.border{ border-color:rgb(226, 221, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 221, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 221, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 221, 137); box-shadow:4px 4px 4px 4px rgb(226, 221, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7358, 69.6878, 33.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 137) }
```

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

```
.background{ background-color: rgb(226,  
221, 137) }
```

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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