

Converting Colors

XYZ(57.3838, 61.7475, 36.0881)

Have a look what the booklet for
XYZ(57.3838, 61.7475, 36.0881)
contains.

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Color

**XYZ(57.3838, 61.7475,
36.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	DECE92
RGB	222, 206, 146
RGB Percent	87%, 81%, 57%
CMY	0.1294, 0.1921, 0.4274
CMYK	0.00, 0.07, 0.34, 0.13
HSL	47°, 54%, 72%
HSV	47°, 34%, 87%
XYZ	57.3838, 61.7475, 36.0881
YIQ	203.9440, 28.7960, -15.2680

Conversions

Conversions Part 2

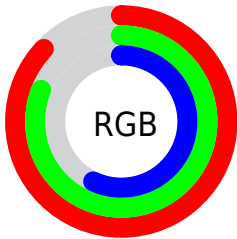
Format	Color
R _Y B	166, 222, 146
Decimal	14601874
CIE Lab	82.78, -3.18, 31.90
CIE LCh	83, 32.058, 95.693
Yxy	61.7475, 0.3697, 0.3978
Android (android.graphics.Color)	4292791954 (0xFFDECE92)
YUV	203.9440, -28.5664, 15.8351
Hunter-Lab	78.5796, -7.1622, 27.7764

Details

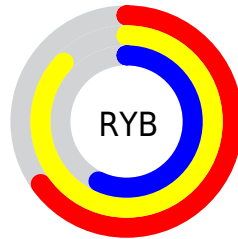
The XYZ color **57.3838, 61.7475, 36.0881** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9589, 37.2245, 74.2917**, and the grayscale version is **57.5225, 60.5181, 65.9042**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **29.0197, 31.3897, 15.3558** is the 20% darker color. If you saturate the color by 10%, you get **54.7143, 58.9088, 27.4899**, and if you desaturate by 10%, it is **60.4253, 64.7929, 46.4660**.

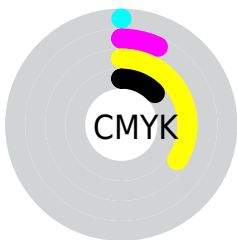
Distribution



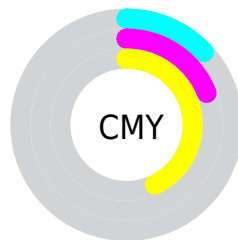
- Red (87%)
- Green (81%)
- Blue (57%)



- Red (65%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3838, 61.7475, 36.0881 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 57.3838, 61.7475, 36.0881 by changing the saturation by 10% instead.

■ 57.3838, 61.7475,
36.0881

■ 57.3838, 61.7475,
36.0881

404.8769,
431.0095, 344.3945

■ 41.5548, 44.8287,
24.2120

■ 100.1531,
107.3605, 70.3386

■ 28.9424, 31.3225,
15.2773

■ 127.8241,
136.8235, 93.5501

■ 19.1813, 20.8446,
8.8655

160.1732,
171.2367, 121.3771

■ 11.9062, 13.0104,
4.5579

197.5657,
210.9845, 154.2383

■ 6.7516, 7.4357,
1.9361

240.3670,
256.4513, 192.5520

■ 3.3522, 3.7361,
0.5156

288.9423,

■ 1.3426, 1.5270,

308.0214, 236.7370

0.0000

343.6572,
366.0794, 287.2116

■ 0.2148, 0.3076,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3838, 61.7475,
36.0881

■ 57.3838, 61.7475,
36.0881

■ 54.7143, 58.9088,
27.4899

■ 60.4253, 64.7929,
46.4660

■ 52.3922, 56.2599,
20.5650

■ 63.8522, 68.0442,
58.7143

■ 50.3974, 53.7945,
15.2012

■ 67.6830, 71.5116,
72.9221

■ 48.7054, 51.5023,
11.2712

■ 71.9337, 75.2017,
89.1714

■ 47.2879, 49.3716,
8.6276

■ 76.2951, 78.9913,
105.8334

■ 46.1105, 47.3880,
7.0906

■ 77.6081, 81.6173,
106.2711

■ 45.5084, 46.2980,
6.5379

■ 78.9562, 84.3135,
106.7204

■ 80.3396, 87.0803,
107.1816

■ 81.7586, 89.9184,
107.6546

Harmonies

Analogous

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



64.3167, 61.7475, 38.2282



57.3838, 61.7475, 36.0881



51.2894, 61.7475, 40.8719

Triad

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



57.3838, 61.7475, 36.0881



48.5677, 61.7475, 91.9056



71.6187, 61.7475, 84.1021

Complementary

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



57.3838, 61.7475, 36.0881



37.9589, 37.2245, 74.2917

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.



66.7685, 61.7475, 103.0205



57.3838, 61.7475, 36.0881



53.3998, 61.7475, 108.1082

Square

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



57.3838, 61.7475, 36.0881



46.4615, 61.7475, 71.0698



60.0141, 61.7475, 112.5292



72.8934, 61.7475, 63.5359

Rectangle

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



57.3838, 61.7475, 36.0881



48.4056, 61.7475, 48.0240



60.0141, 61.7475, 112.5292



70.3348, 61.7475, 90.9814

Sweetspot

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



57.3854, 61.7503, 36.0894



89.5246, 95.0887, 88.1308



46.9667, 38.7133, 39.3980



19.0056, 20.2104, 18.2870



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.



57.3854, 61.7503, 36.0894



75.9193, 81.7524, 40.8229



55.2542, 66.6618, 37.1497



14.6141, 15.5141, 14.5311



27.1142, 27.6663, 3.9111



1.9415, 2.0419, 0.2918

Inverse Universe

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



37.9589, 37.2245, 74.2917



45.5496, 43.4248, 100.5888



39.5136, 34.1061, 73.6079



13.1846, 13.7084, 17.3388



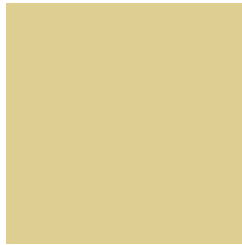
8.4940, 4.4576, 41.4611



0.6535, 0.4385, 2.8954

Previews

White Background



This preview shows how the XYZ color 57.3838, 61.7475, 36.0881 looks on a white background.

Color Contrast Check

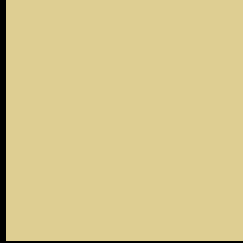
Large Text (above 18pt) WCAG AA × Fail

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 57.3838, 61.7475, 36.0881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

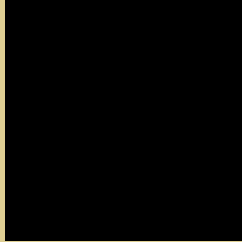
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3838, 61.7475, 36.0881

Background



This preview shows how black text looks on a background with the XYZ color 57.3838, 61.7475, 36.0881.

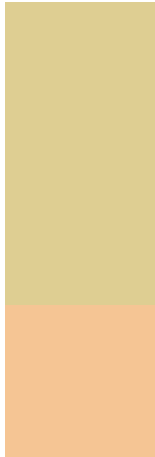


This preview shows how white text looks on a background with the XYZ color 57.3838, 61.7475,

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

57.3838, 61.7475, 36.0881

Protanopia

57.3838, 61.7475, 36.0881

Deuteranopia

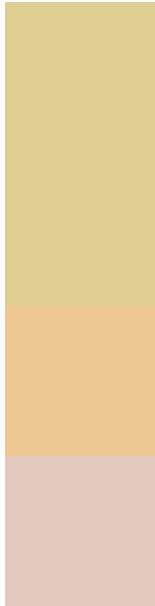
62.9677, 61.4831, 36.5656



Tritanopia

64.6096, 61.5596, 71.4277

Trichromacy



Original Color

57.3838, 61.7475, 36.0881

Protanomaly

57.3838, 61.7475, 36.0881

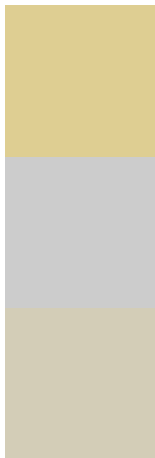
Deuteranomaly

60.8458, 61.4197, 36.2520

Tritanomaly

61.5181, 61.3136, 56.7365

Monochromacy



Original Color

57.3838, 61.7475, 36.0881

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2425, 60.9304, 53.5435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3838, 61.7475, 36.0881 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, 206, 146)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 146)  
}
```

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, 206, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 146) }
```

Border

The CSS property to change the border of an element to XYZ 57.3838, 61.7475, 36.0881 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, 206, 146) }
```


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

```
.border{ border-color:rgb(222, 206, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 146);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3838, 61.7475, 36.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 146) }
```

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

```
.background{ background-color: rgb(222,  
206, 146) }
```

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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