

Converting Colors

XYZ(60.0702, 64.4405, 48.1730)

Have a look what the booklet for
XYZ(60.0702, 64.4405, 48.1730)
contains.

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Color

**XYZ(60.0082, 64.2874,
48.2757)**

Conversions

Conversions Part 1	
Format	Color
Hex	DCD2AC
RGB	220, 210, 172
RGB Percent	86%, 82%, 67%
CMY	0.1373, 0.1764, 0.3255
CMYK	0.00, 0.05, 0.22, 0.14
HSL	48°, 41%, 77%
HSV	48°, 22%, 86%
XYZ	60.0082, 64.2874, 48.2757
YIQ	208.6580, 18.1580, -9.6980

Conversions

Conversions Part 2

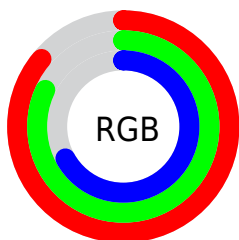
Format	Color
RYB	185, 220, 172
Decimal	14471852
CIELab	84.12, -2.59, 20.11
CIELCh	84, 20.273, 97.350
Yxy	64.2874, 0.3477, 0.3725
Android (android.graphics.Color)	4292661932 (0xFFDCD2AC)
YUV	208.6580, -18.0724, 9.9469
Hunter-Lab	80.1794, -6.7203, 20.4273

Details

The XYZ color **60.0082, 64.2874, 48.2757** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6593, 47.3928, 74.3990**, and the grayscale version is **60.4886, 63.6387, 69.3026**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **30.7957, 33.1323, 22.5414** is the 20% darker color. If you saturate the color by 10%, you get **56.9535, 61.2838, 37.6821**, and if you desaturate by 10%, it is **63.4485, 67.5015, 60.7250**.

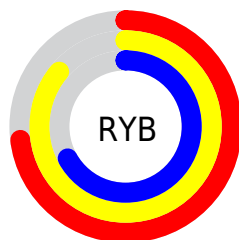
Distribution



Red (86%)

Green (82%)

Blue (67%)



Red (73%)

Yellow (86%)

Blue (67%)

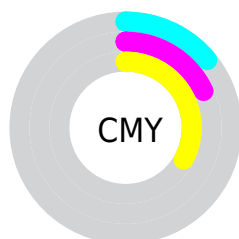


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (14%)



Cyan (14%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0082, 64.2874, 48.2757 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 60.0082, 64.2874, 48.2757 by changing the saturation by 10% instead.


 60.0082, 64.2874,
48.2757

 60.0082, 64.2874,
48.2757

414.4623,
440.2268, 396.4241

 43.6747, 46.8835,
33.6837


 103.9478,
111.0247, 88.9846

 30.6117, 32.9436,
22.3753


132.2847,
141.1270, 115.9385

 20.4537, 22.0832,
13.9320

165.3534,
176.2307, 147.8503

 12.8355, 13.9181,
7.9352

203.5194,
216.7204, 185.1383

 7.3916, 8.0637,
3.9663

247.1479,
262.9805, 228.2211

 3.7567, 4.1357,
1.6069


296.6043,


 1.5654, 1.7498,


315.3953, 277.5174


0.2957


352.2540,
374.3493, 333.4455


 0.3697, 0.4556,
0.0000


 0.0000, 0.0000,
0.0000


 60.0082, 64.2874,
48.2757


 60.0082, 64.2874,
48.2757


 56.9535, 61.2838,
37.6821


 63.4485, 67.5015,
60.7250


 54.2619, 58.4745,
28.8495


 67.2856, 70.9244,
75.1105


 51.9161, 55.8546,
21.6809


 71.5365, 74.5654,
91.5126

 49.8953, 53.4151,
16.0682


 75.3997, 78.1044,
105.7094

 48.1764, 51.1465,
11.8908


 76.6792, 80.6634,
106.1359


 46.7327, 49.0377,
9.0098


 77.9923, 83.2897,
106.5736

 45.5325, 47.0753,
7.2590

 79.3394, 85.9838,
107.0226

 44.6879, 45.5609,
6.4388

 80.7206, 88.7463,
107.4831

 82.1363, 91.5776,
107.9549

Harmonies

Analogous

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



64.4801, 64.2874, 49.6146



60.0082, 64.2874, 48.2757



56.0261, 64.2874, 52.1653

Triad

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



60.0082, 64.2874, 48.2757



54.5098, 64.2874, 86.0524



69.4004, 64.2874, 79.9323

Complementary

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



60.0082, 64.2874, 48.2757



46.6593, 47.3928, 74.3990

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.



66.4782, 64.2874, 91.4920



60.0082, 64.2874, 48.2757



57.8464, 64.2874, 95.3157

Square

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



60.0082, 64.2874, 48.2757



52.9539, 64.2874, 73.2007



62.2115, 64.2874, 97.4191



70.0485, 64.2874, 66.8902

Rectangle

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



60.0082, 64.2874, 48.2757



54.1353, 64.2874, 57.5171



62.2115, 64.2874, 97.4191



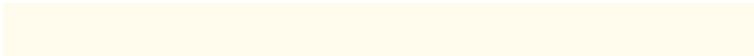
68.6448, 64.2874, 84.1654

Sweetspot

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



60.0099, 64.2903, 48.2771



91.1337, 96.5545, 94.0693



52.7533, 48.1155, 50.9807



19.4369, 20.6046, 19.8749



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.



60.0099, 64.2903, 48.2771



81.9055, 87.9467, 60.6321



58.6049, 67.3446, 48.9406



13.9200, 14.7794, 13.8446



26.3094, 26.9044, 3.8064



1.7635, 1.8611, 0.2663

Inverse Universe

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



46.6593, 47.3928, 74.3990



60.2014, 60.4794, 103.1085



47.8242, 45.0623, 73.8878



12.5573, 13.0543, 16.5100



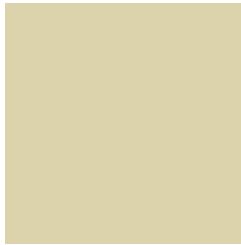
8.2157, 4.3009, 40.1355



0.5949, 0.4040, 2.6211

Previews

White Background



This preview shows how the XYZ color 60.0082, 64.2874, 48.2757 looks on a white background.

Color Contrast Check

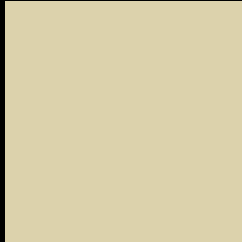
Large Text (above 18pt) WCAG AA × Fail

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 60.0082, 64.2874, 48.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

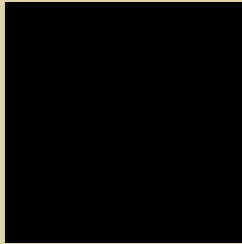
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

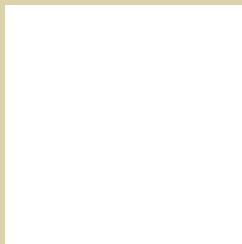
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0082, 64.2874, 48.2757

Background



This preview shows how black text looks on a background with the XYZ color 60.0082, 64.2874, 48.2757.

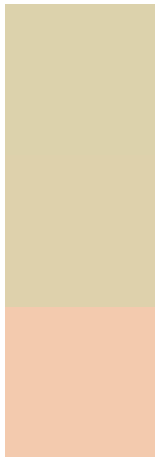


This preview shows how white text looks on a background with the XYZ color 60.0082, 64.2874,

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

60.0082, 64.2874, 48.2757

Protanopia

60.3711, 64.1091, 48.2221

Deuteranopia

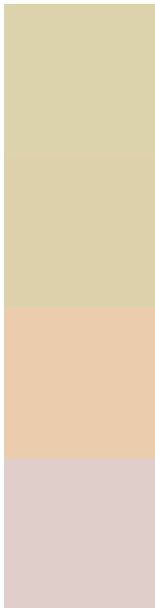
65.7227, 64.3517, 49.0016



Tritanopia

65.5061, 63.9951, 75.9176

Trichromacy



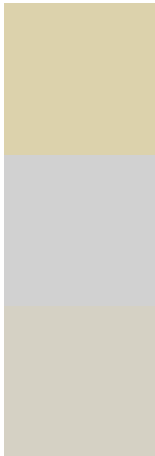
Original Color
60.0082, 64.2874, 48.2757

Protanomaly
60.0657, 63.9516, 48.2078

Deuteranomaly
63.6351, 64.3419, 48.6005

Tritanomaly
63.4724, 64.2542, 64.9341

Monochromacy



Original Color
60.0082, 64.2874, 48.2757

Achromatopsia
60.6036, 63.7597, 69.4343

Achromatomaly
60.2048, 63.7326, 61.3530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0082, 64.2874, 48.2757 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(220, 210, 172) looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 172)  
}
```

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(220, 210, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 172) }
```

Border

The CSS property to change the border of an element to XYZ 60.0082, 64.2874, 48.2757 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(220, 210, 172) }
```


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

```
.border{ border-color:rgb(220, 210, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 172);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0082, 64.2874, 48.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 172) }
```

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

```
.background{ background-color: rgb(220,  
210, 172) }
```

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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