

Converting Colors

XYZ(60.5564, 67.3459, 49.3214)

Have a look what the booklet for
XYZ(60.5564, 67.3459, 49.3214)
contains.

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Color

**XYZ(60.3800, 67.0899,
49.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9AD
RGB	215, 217, 173
RGB Percent	84%, 85%, 68%
CMY	0.1569, 0.1490, 0.3216
CMYK	0.01, 0.00, 0.20, 0.15
HSL	63°, 37%, 76%
HSV	63°, 20%, 85%
XYZ	60.3800, 67.0899, 49.3024
YIQ	211.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

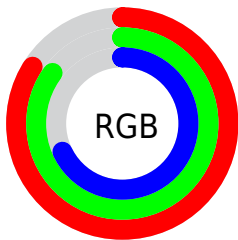
Format	Color
RYB	173, 217, 175
Decimal	14145965
CIELab	85.55, -7.89, 21.51
CIELCh	86, 22.908, 110.149
Yxy	67.0899, 0.3416, 0.3795
Android (android.graphics.Color)	4292336045 (0xFFD7D9AD)
YUV	211.3860, -18.9243, 3.1695
Hunter-Lab	81.9084, -11.7558, 21.6480

Details

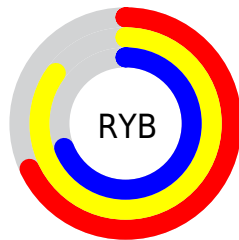
The XYZ color **60.3800, 67.0899, 49.3024** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1497, 44.0126, 71.7650**, and the grayscale version is **62.2889, 65.5328, 71.3652**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **30.8077, 34.6703, 22.8376** is the 20% darker color. If you saturate the color by 10%, you get **58.1597, 66.1706, 39.1134**, and if you desaturate by 10%, it is **62.9467, 68.1525, 61.2906**.

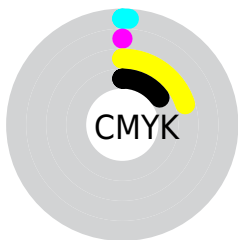
Distribution



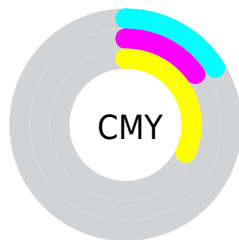
- Red (84%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3800, 67.0899, 49.3024 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 60.3800, 67.0899, 49.3024 by changing the saturation by 10% instead.

■ 60.3800, 67.0899,
49.3024

■ 60.3800, 67.0899,
49.3024

415.8094,
450.2647, 400.5882

■ 43.9756, 49.1577,
34.4921

■ 104.4839,
115.0492, 90.5261

■ 30.8492, 34.7446,
22.9915

132.9142,
145.8451, 117.7765

■ 20.6353, 23.4662,
14.3820

166.0838,
181.6977, 150.0108

■ 12.9686, 14.9381,
8.2450

204.3581,
222.9914, 187.6474

■ 7.4838, 8.7760,
4.1621

248.1024,
270.1105, 231.1049

■ 3.8155, 4.5953,
1.7147

297.6822,

■ 1.5983, 2.0119,

323.4395, 280.8019

0.3708

353.4627,
383.3628, 337.1568

■ 0.3913, 0.6143,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3800, 67.0899,
49.3024

■ 60.3800, 67.0899,
49.3024

■ 58.1597, 66.1706,
39.1134

■ 62.9467, 68.1525,
61.2906

■ 56.2641, 65.3791,
30.6328

■ 65.8698, 69.3556,
75.1544

■ 54.6770, 64.7113,
23.7682

■ 69.1656, 70.7079,
90.9712

■ 53.3791, 64.1593,
18.4169

■ 72.0643, 71.9017,
104.6880

■ 52.3485, 63.7144,
14.4643

■ 72.3625, 72.0554,
104.7019

■ 51.5604, 63.3667,
11.7796

■ 72.6626, 72.2101,
104.7160

■ 50.9853, 63.1045,
10.2074

■ 72.9644, 72.3657,
104.7301

■ 50.5795, 62.9110,
9.4772

■ 73.2680, 72.5222,
104.7443

■ 73.5734, 72.6797,
104.7586

Harmonies

Analogous

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



65.4951, 67.0899, 48.2845



60.3800, 67.0899, 49.3024



56.3854, 67.0899, 56.1736

Triad

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



60.3800, 67.0899, 49.3024



57.5643, 67.0899, 97.3473



74.1485, 67.0899, 78.0655

Complementary

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



60.3800, 67.0899, 49.3024



45.1497, 44.0126, 71.7650

Split Complementary

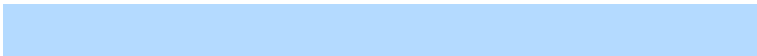
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7661, 67.0899, 93.0062



60.3800, 67.0899, 49.3024



62.0694, 67.0899, 105.0979

Square

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



60.3800, 67.0899, 49.3024



54.8222, 67.0899, 83.3783



67.2782, 67.0899, 103.4093



73.6353, 67.0899, 63.6110

Rectangle

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



60.3800, 67.0899, 49.3024



54.8060, 67.0899, 63.7392



67.2782, 67.0899, 103.4093



73.6550, 67.0899, 83.2249

Sweetspot

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



60.3818, 67.0929, 49.3038



92.4276, 98.9215, 96.4269



51.3866, 48.2232, 46.1357



19.7247, 21.1491, 20.3618



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.



60.3818, 67.0929, 49.3038



85.6967, 96.1410, 64.9616



54.4867, 64.0539, 49.0279



14.1005, 15.2321, 13.9225



30.6416, 38.0938, 5.7379



2.0036, 2.4774, 0.3726

Inverse Universe

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



45.1497, 44.0126, 71.7650



60.2156, 57.5294, 102.5383



50.3565, 46.6968, 72.0087



12.3933, 12.6453, 16.4397



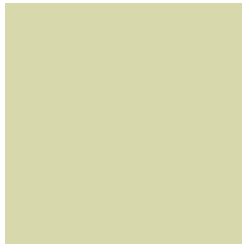
7.6805, 3.0836, 39.9288



0.5174, 0.2100, 2.5877

Previews

White Background



This preview shows how the XYZ color 60.3800, 67.0899, 49.3024 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 60.3800, 67.0899, 49.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

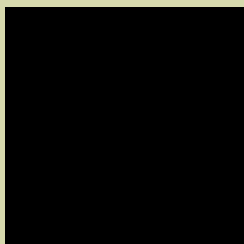
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

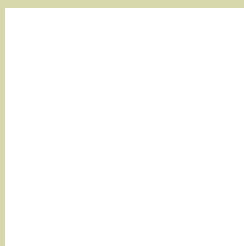
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3800, 67.0899, 49.3024

Background



This preview shows how black text looks on a background with the XYZ color 60.3800, 67.0899, 49.3024.



This preview shows how white text looks on a background with the XYZ color 60.3800, 67.0899,

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

60.3800, 67.0899, 49.3024

Protanopia

62.8235, 66.8597, 48.1221

Deuteranopia

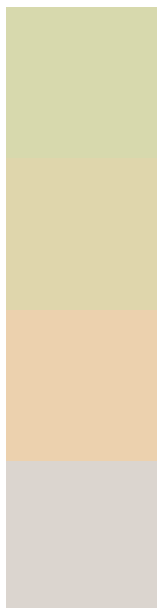
68.2806, 66.7142, 49.8358



Tritanopia

66.8983, 67.1138, 81.3798

Trichromacy



Original Color

60.3800, 67.0899, 49.3024

Protanomaly

61.9244, 66.7597, 48.6519

Deuteranomaly

65.0325, 66.4898, 49.4506

Tritanomaly

64.2702, 67.1536, 68.6060

Monochromacy



Original Color

60.3800, 67.0899, 49.3024

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0237, 65.6168, 62.2723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3800, 67.0899, 49.3024 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(215, 217, 173) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 173)  
}
```

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(215, 217, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.3800, 67.0899, 49.3024 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(215, 217, 173) }
```


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

```
.border{ border-color:rgb(215, 217, 173) }
```

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

Here you see how a box with a 4 pixel rgb(215, 217, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 173);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3800, 67.0899, 49.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 173) }
```

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

```
.background{ background-color: rgb(215,  
217, 173) }
```

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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