

Converting Colors

XYZ(45.0430, 41.2985, 31.3128)

Have a look what the booklet for
XYZ(45.0430, 41.2985, 31.3128)
contains.

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Color

**XYZ(44.8939, 41.2407,
31.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A08E
RGB	213, 160, 142
RGB Percent	84%, 63%, 56%
CMY	0.1647, 0.3725, 0.4431
CMYK	0.00, 0.25, 0.33, 0.16
HSL	15°, 46%, 70%
HSV	15°, 33%, 84%
XYZ	44.8939, 41.2407, 31.1853
YIQ	173.7950, 37.3660, 5.6380

Conversions

Conversions Part 2

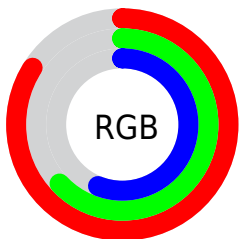
Format	Color
R _Y B	213, 166, 142
Decimal	14000270
CIE Lab	70.34, 17.22, 17.04
CIE LCh	70, 24.221, 44.695
Yxy	41.2407, 0.3827, 0.3515
Android (android.graphics.Color)	4292190350 (0xFFD5A08E)
YUV	173.7950, -15.6749, 34.3828
Hunter-Lab	64.2189, 12.4019, 16.1615

Details

The XYZ color **44.8939, 41.2407, 31.1853** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6802, 49.5837, 70.2721**, and the grayscale version is **40.1922, 42.2854, 46.0488**.

A 20% lighter version of the original color is **75.5042, 73.8464, 62.4988**, and **21.1990, 18.6659, 12.6108** is the 20% darker color. If you saturate the color by 10%, you get **40.8630, 35.4981, 22.6914**, and if you desaturate by 10%, it is **49.5851, 47.8144, 41.4078**.

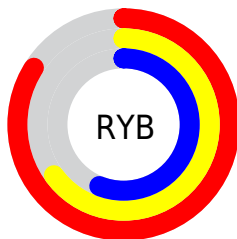
Distribution



Red (84%)

Green (63%)

Blue (56%)



Red (84%)

Yellow (65%)

Blue (56%)

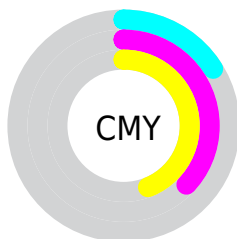


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8939, 41.2407, 31.1853 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 44.8939, 41.2407, 31.1853 by changing the saturation by 10% instead.


 44.8939, 41.2407,
31.1853


 44.8939, 41.2407,
31.1853


357.1346,
351.3256, 321.7687


 31.5748, 28.5072,
20.4803


 81.7992, 77.0492,
62.6147

 21.1909, 18.7084,
12.5572

 106.1161,
100.8929, 84.1762

 13.3769, 11.4597,
6.9972


 134.8297,
129.2089, 110.1936

 7.7674, 6.3770,
3.3819

168.3053,
162.3814, 141.0855

 3.9970, 3.0756,
1.2928

206.9082,
200.7950, 177.2705

 1.7004, 1.1713,
0.0559

251.0038,

 0.4565, 0.0381,

244.8339, 219.1669

0.0000

300.9575,
294.8827, 267.1935

0.0000, 0.0000,
0.0000

44.8939, 41.2407,
31.1853

44.8939, 41.2407,
31.1853

40.8630, 35.4981,
22.6914

49.5851, 47.8144,
41.4078

37.4583, 30.5473,
15.8272

54.9620, 55.2449,
53.4452

34.6478, 26.3543,
10.4875

61.0525, 63.5640,
67.3811

32.3946, 22.8804,
6.5539

67.8820, 72.8001,
83.2930

30.6578, 20.0830,
3.8900

75.4747, 82.9804,
101.2543

■ 29.3894, 17.9147,
2.3315

■ 81.2507, 92.8862,
108.2542

■ 28.7604, 16.7857,
1.7241

Harmonies

Analogous

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



47.0766, 41.2407, 39.5704



44.8939, 41.2407, 31.1853



41.2530, 41.2407, 26.9076

Triad

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



44.8939, 41.2407, 31.1853



32.2700, 41.2407, 39.3636



41.1717, 41.2407, 69.6167

Complementary

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



44.8939, 41.2407, 31.1853



42.6802, 49.5837, 70.2721

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.



37.2125, 41.2407, 69.5358



44.8939, 41.2407, 31.1853



32.2515, 41.2407, 50.6967

Square

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



44.8939, 41.2407, 31.1853



34.0580, 41.2407, 31.0561



34.0056, 41.2407, 62.1510



44.8309, 41.2407, 62.3562

Rectangle

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



44.8939, 41.2407, 31.1853



38.5750, 41.2407, 26.4105



34.0056, 41.2407, 62.1510



39.8278, 41.2407, 70.4821

Sweetspot

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



44.8950, 41.2426, 31.1861



85.4385, 86.9166, 86.7688



46.9926, 37.4441, 56.5291



18.0174, 18.2340, 17.9576



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.



44.8950, 41.2426, 31.1861



63.0828, 55.7460, 37.5722



51.8946, 55.2418, 33.5193



12.6766, 12.9275, 12.9878



17.6376, 10.3925, 1.0763



1.1306, 0.7604, 0.0872

Inverse Universe

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



42.6802, 49.5837, 70.2721



59.2435, 70.1056, 105.0170



35.6936, 35.6104, 67.9433



12.5132, 13.5498, 15.8934



14.9939, 18.2495, 41.1854



0.9687, 1.2294, 2.5055

Previews

White Background



This preview shows how the XYZ color 44.8939, 41.2407, 31.1853 looks on a white background.

Color Contrast Check

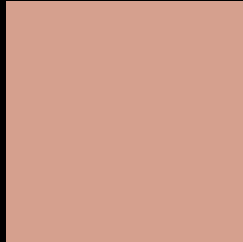
Large Text (above 18pt) WCAG AA × Fail

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 44.8939, 41.2407, 31.1853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

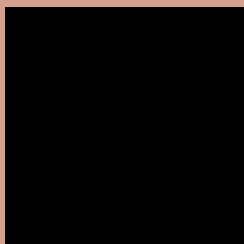
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8939, 41.2407, 31.1853

Background



This preview shows how black text looks on a background with the XYZ color 44.8939, 41.2407, 31.1853.



This preview shows how white text looks on a background with the XYZ color 44.8939, 41.2407,

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

44.8939, 41.2407, 31.1853

Protanopia

39.1539, 41.4669, 33.9573

Deuteranopia

42.2634, 41.4749, 30.9772



Tritanopia

47.2753, 41.2030, 42.5071

Trichromacy



Original Color

44.8939, 41.2407, 31.1853

Protanomaly

41.1833, 41.4180, 33.0180

Deuteranomaly

43.2600, 41.4531, 30.9205

Tritanomaly

46.3393, 41.0642, 38.2847

Monochromacy



Original Color

44.8939, 41.2407, 31.1853

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4486, 41.6759, 40.0421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8939, 41.2407, 31.1853 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(213, 160, 142)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 142)  
}
```

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(213, 160, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 142) }
```

Border

The CSS property to change the border of an element to XYZ 44.8939, 41.2407, 31.1853 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(213, 160, 142) }
```


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

```
.border{ border-color:rgb(213, 160, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8939, 41.2407, 31.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 142) }
```

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

```
.background{ background-color: rgb(213,  
160, 142) }
```

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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