

Converting Colors

XYZ(45.0758, 42.7314, 33.0667)

Have a look what the booklet for
XYZ(45.0758, 42.7314, 33.0667)
contains.

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Color

**XYZ(44.9379, 42.5409,
33.0369)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A592
RGB	209, 165, 146
RGB Percent	82%, 65%, 57%
CMY	0.1804, 0.3529, 0.4274
CMYK	0.00, 0.21, 0.30, 0.18
HSL	18°, 41%, 70%
HSV	18°, 30%, 82%
XYZ	44.9379, 42.5409, 33.0369
YIQ	175.9900, 32.3230, 3.4190

Conversions

Conversions Part 2

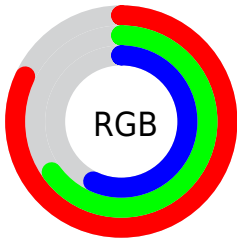
Format	Color
RYB	209, 173, 146
Decimal	13739410
CIELab	71.24, 13.47, 16.02
CIELCh	71, 20.937, 49.941
Yxy	42.5409, 0.3729, 0.3530
Android (android.graphics.Color)	4291929490 (0xFFD1A592)
YUV	175.9900, -14.7851, 28.9498
Hunter-Lab	65.2234, 8.8428, 15.6248

Details

The XYZ color **44.9379, 42.5409, 33.0369** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7755, 47.5398, 67.2959**, and the grayscale version is **41.3254, 43.4775, 47.3470**.

A 20% lighter version of the original color is **77.2585, 76.6165, 65.3601**, and **21.1076, 19.4088, 13.4603** is the 20% darker color. If you saturate the color by 10%, you get **40.9745, 36.9823, 24.4147**, and if you desaturate by 10%, it is **49.5012, 48.8232, 43.3263**.

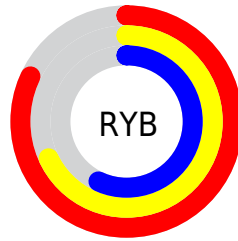
Distribution



Red (82%)

Green (65%)

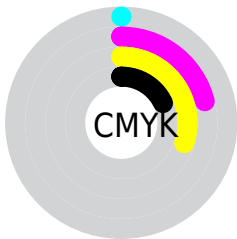
Blue (57%)



Red (82%)

Yellow (68%)

Blue (57%)

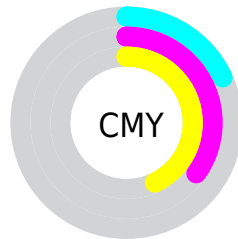


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9379, 42.5409, 33.0369 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 44.9379, 42.5409, 33.0369 by changing the saturation by 10% instead.


 44.9379, 42.5409,
33.0369

 44.9379, 42.5409,
33.0369


357.3099,
356.7203, 330.4531

 31.6096, 29.5251,
21.8834


 81.8649, 79.0176,
65.5498

 21.2176, 19.4784,
13.5737


 106.1942,
103.2473, 87.7463

 13.3965, 12.0165,
7.6894


134.9213,
131.9836, 114.4608

 7.7810, 6.7549,
3.8120

168.4114,
165.6111, 146.1119

 4.0058, 3.3093,
1.5228

207.0300,
204.5142, 183.1181

 1.7054, 1.2953,
0.2348

251.1424,

 0.4596, 0.1375,

249.0771, 225.8981

0.0000

301.1139,
299.6844, 274.8702

■ 0.0000, 0.0000,
0.0000

■ 44.9379, 42.5409,
33.0369

■ 44.9379, 42.5409,
33.0369

■ 40.9745, 36.9823,
24.4147

■ 49.5012, 48.8232,
43.3263

■ 37.5815, 32.1150,
17.3685

■ 54.6857, 55.8485,
55.3624

■ 34.7315, 27.9126,
11.8019

■ 60.5155, 63.6427,
69.2227

■ 32.3936, 24.3447,
7.6071

■ 67.0127, 72.2284,
84.9793

■ 30.5332, 21.3782,
4.6611

■ 74.1979, 81.6277,
102.7003

■ 29.1105, 18.9766,
2.8188

■ 79.3366, 90.7595,
107.9446

■ 28.0746, 17.1154,
1.8239

■ 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



47.1206, 42.5409, 40.0313



44.9379, 42.5409, 33.0369



41.6249, 42.5409, 29.7660

Triad

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



44.9379, 42.5409, 33.0369



34.1419, 42.5409, 43.0231



42.7813, 42.5409, 66.9849

Complementary

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



44.9379, 42.5409, 33.0369



41.7755, 47.5398, 67.2959

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.



39.2657, 42.5409, 68.0938



44.9379, 42.5409, 33.0369



34.4116, 42.5409, 53.2347

Square

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



44.9379, 42.5409, 33.0369



35.4819, 42.5409, 34.9537



36.2413, 42.5409, 62.7570



45.8264, 42.5409, 59.9161

Rectangle

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



44.9379, 42.5409, 33.0369



39.2791, 42.5409, 29.7609



36.2413, 42.5409, 62.7570



41.6110, 42.5409, 68.1027

Sweetspot

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



44.9390, 42.5429, 33.0378



86.6712, 88.8062, 88.9544



45.8788, 37.8356, 53.6577



18.2783, 18.6412, 18.3981



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.



44.9390, 42.5429, 33.0378



66.4761, 61.1261, 43.0392



51.3133, 55.2914, 35.1625



12.0953, 12.3814, 12.3644



17.3861, 10.7053, 1.1500



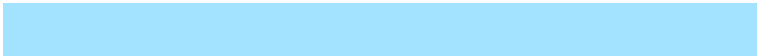
1.0417, 0.7378, 0.0875

Inverse Universe

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



41.7755, 47.5398, 67.2959



60.7486, 70.1344, 104.9432



35.6926, 35.3739, 65.2682



11.8448, 12.7799, 15.0861



13.5192, 15.6851, 39.5075



0.8238, 1.0128, 2.2316

Previews

White Background



This preview shows how the XYZ color 44.9379, 42.5409, 33.0369 looks on a white background.

Color Contrast Check

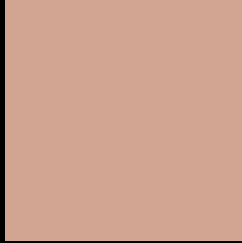
Large Text (above 18pt) WCAG AA × Fail

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 44.9379, 42.5409, 33.0369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

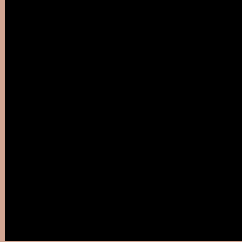
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9379, 42.5409, 33.0369

Background



This preview shows how black text looks on a background with the XYZ color 44.9379, 42.5409, 33.0369.



This preview shows how white text looks on a background with the XYZ color 44.9379, 42.5409,

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

44.9379, 42.5409, 33.0369

Protanopia

40.2504, 42.5737, 35.3743

Deuteranopia

43.4706, 42.6062, 32.7207



Tritanopia

47.4391, 42.5039, 45.2389

Trichromacy



Original Color

44.9379, 42.5409, 33.0369

Protanomaly

41.7260, 42.5022, 34.4383

Deuteranomaly

44.1064, 42.6609, 32.6978

Tritanomaly

46.3952, 42.3339, 40.3763

Monochromacy



Original Color

44.9379, 42.5409, 33.0369

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.2831, 42.9130, 41.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9379, 42.5409, 33.0369 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(209, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 165, 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(209, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 165, 146) }
```

Border

The CSS property to change the border of an element to XYZ 44.9379, 42.5409, 33.0369 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(209, 165, 146) }
```


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

```
.border{ border-color:rgb(209, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 165,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9379, 42.5409, 33.0369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 165, 146) }
```

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

```
.background{ background-color: rgb(209,  
165, 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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