

Converting Colors

XYZ(49.9364, 42.0449, 33.0873)

Have a look what the booklet for
XYZ(49.9364, 42.0449, 33.0873)
contains.

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Color

**XYZ(49.9364, 42.0449,
33.0873)**

Conversions

Conversions Part 1

Format	Color
Hex	E89993
RGB	232, 153, 147
RGB Percent	91%, 60%, 58%
CMY	0.0902, 0.4000, 0.4235
CMYK	0.00, 0.34, 0.37, 0.09
HSL	4°, 65%, 74%
HSV	4°, 37%, 91%
XYZ	49.9364, 42.0449, 33.0873
YIQ	175.9370, 49.0100, 14.8820

Conversions

Conversions Part 2

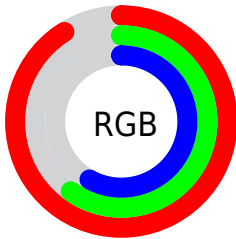
Format	Color
R _Y B	232, 153, 147
Decimal	15243667
CIE Lab	70.90, 28.88, 15.37
CIE LCh	71, 32.714, 28.022
Yxy	42.0449, 0.3993, 0.3362
Android (android.graphics.Color)	4293433747 (0xFFE89993)
YUV	175.9370, -14.2659, 49.1673
Hunter-Lab	64.8420, 23.9935, 15.1352

Details

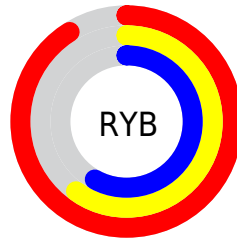
The XYZ color **49.9364, 42.0449, 33.0873** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.7932, 66.4192, 86.3288**, and the grayscale version is **41.2891, 43.4394, 47.3055**.

A 20% lighter version of the original color is **74.3385, 70.5888, 64.9653**, and **24.2206, 19.1506, 13.4862** is the 20% darker color. If you saturate the color by 10%, you get **45.0805, 34.9585, 23.3746**, and if you desaturate by 10%, it is **55.7993, 50.5574, 44.9477**.

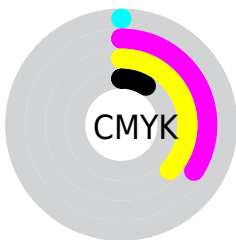
Distribution



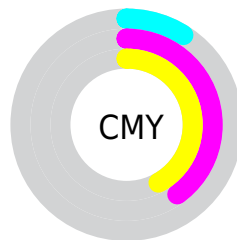
- Red (91%)
- Green (60%)
- Blue (58%)



- Red (91%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9364, 42.0449, 33.0873 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 49.9364, 42.0449, 33.0873 by changing the saturation by 10% instead.


 49.9364, 42.0449,
33.0873

 49.9364, 42.0449,
33.0873


376.8733,
354.6690, 330.6870

 35.5805, 29.1365,
21.9217


 89.2730, 78.2676,
65.6294

 24.2790, 19.1841,
13.6016

 114.9844,
102.3506, 87.8429

 15.6665, 11.8034,
7.7085


145.2117,
130.9273, 114.5762

 9.3778, 6.6099,
3.8239

180.3201,
164.3819, 146.2477

 5.0475, 3.2194,
1.5293

220.6752,
203.0991, 183.2759

 2.3102, 1.2473,
0.2396

266.6421,

 0.7999, 0.0998,

247.4630, 226.0796

0.0000

318.5864,
297.8582, 275.0771

■ 0.0000, 0.0000,
0.0000

■ 49.9364, 42.0449,
33.0873

■ 49.9364, 42.0449,
33.0873

■ 45.0805, 34.9585,
23.3746

■ 55.7993, 50.5574,
44.9477

■ 41.1716, 29.2145,
15.6787

■ 62.7180, 60.5617,
59.0710

■ 38.1488, 24.7300,
9.8584

■ 70.7421, 72.1265,
75.5673

■ 35.9423, 21.4102,
5.7531

■ 79.9171, 85.3147,
94.5386

■ 34.4721, 19.1469,
3.1753

■ 87.0887, 95.8958,
108.5274

■ 33.6407, 17.8114,
1.8889

■ 33.4698, 17.5381,
1.6211

Harmonies

Analogous

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



51.3667, 42.0449, 46.8225



49.9364, 42.0449, 33.0873



45.7680, 42.0449, 24.7635

Triad

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



49.9364, 42.0449, 33.0873



31.7225, 42.0449, 31.6645



39.6021, 42.0449, 82.7640

Complementary

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



49.9364, 42.0449, 33.0873



53.7932, 66.4192, 86.3288

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.



34.6698, 42.0449, 76.2181



49.9364, 42.0449, 33.0873



30.3849, 42.0449, 44.7526

Square

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



49.9364, 42.0449, 33.0873



35.2423, 42.0449, 24.0828



31.4137, 42.0449, 61.3625



45.0862, 42.0449, 77.6812

Rectangle

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



49.9364, 42.0449, 33.0873



42.1750, 42.0449, 22.2651



31.4137, 42.0449, 61.3625



37.8286, 42.0449, 81.8252

Sweetspot

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



49.9375, 42.0469, 33.0881



83.0986, 82.8041, 84.2399



57.4858, 43.5329, 77.5644



17.4969, 17.3061, 17.4355



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.



49.9375, 42.0469, 33.0881



57.2055, 45.2825, 31.6326



58.0978, 58.3676, 35.8082



14.4584, 14.5306, 14.9471



18.6140, 9.8022, 0.9110



1.4043, 0.7820, 0.0769

Inverse Universe

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



53.7932, 66.4192, 86.3288



62.6262, 79.6080, 106.6729



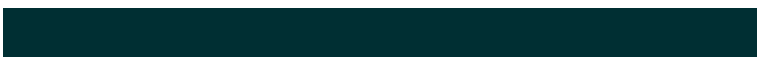
43.7043, 46.2414, 82.9659



14.7157, 16.1528, 18.4865



21.7022, 30.4666, 47.1200



1.6300, 2.3039, 3.4908

Previews

White Background



This preview shows how the XYZ color 49.9364, 42.0449, 33.0873 looks on a white background.

Color Contrast Check

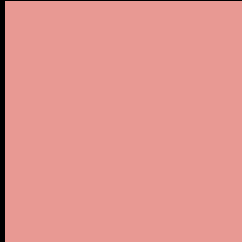
Large Text (above 18pt) WCAG AA × Fail

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 49.9364, 42.0449, 33.0873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

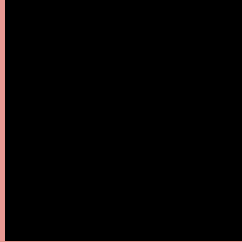
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9364, 42.0449, 33.0873

Background



This preview shows how black text looks on a background with the XYZ color 49.9364, 42.0449, 33.0873.



This preview shows how white text looks on a background with the XYZ color 49.9364, 42.0449,

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

49.9364, 42.0449, 33.0873

Protanopia

40.0854, 42.1452, 37.9204

Deuteranopia

42.9402, 42.0686, 32.2424



Tritanopia

51.1925, 42.0655, 39.6037

Trichromacy



Original Color

49.9364, 42.0449, 33.0873

Protanomaly

43.2054, 41.8517, 35.9380

Deuteranomaly

45.1825, 41.8820, 32.4907

Tritanomaly

50.9183, 42.2144, 37.3628

Monochromacy



Original Color

49.9364, 42.0449, 33.0873

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.5591, 42.4576, 41.4966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9364, 42.0449, 33.0873 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(232, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 147)  
}
```

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(232, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 147) }
```

Border

The CSS property to change the border of an element to XYZ 49.9364, 42.0449, 33.0873 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(232, 153, 147) }
```


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

```
.border{ border-color:rgb(232, 153, 147) }
```

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

Here you see how a box with a 4 pixel rgb(232, 153, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9364, 42.0449, 33.0873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 147) }
```

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

```
.background{ background-color: rgb(232,  
153, 147) }
```

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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