

Converting Colors

XYZ(49.4199, 44.6861, 31.8530)

Have a look what the booklet for
XYZ(49.4199, 44.6861, 31.8530)
contains.

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Color

**XYZ(49.2847, 44.5416,
31.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A48F
RGB	225, 164, 143
RGB Percent	88%, 64%, 56%
CMY	0.1176, 0.3568, 0.4392
CMYK	0.00, 0.27, 0.36, 0.12
HSL	15°, 58%, 72%
HSV	15°, 36%, 88%
XYZ	49.2847, 44.5416, 31.9864
YIQ	179.8450, 43.0970, 6.4010

Conversions

Conversions Part 2

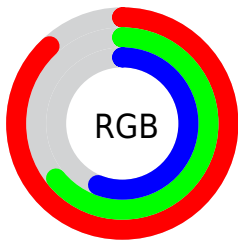
Format	Color
R _Y B	225, 171, 143
Decimal	14787727
CIE Lab	72.59, 19.84, 19.79
CIE LCh	73, 28.023, 44.917
Yxy	44.5416, 0.3917, 0.3540
Android (android.graphics.Color)	4292977807 (0xFFE1A48F)
YUV	179.8450, -18.1646, 39.6009
Hunter-Lab	66.7395, 15.0217, 18.3016

Details

The XYZ color **49.2847, 44.5416, 31.9864** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5104, 54.4597, 79.2946**, and the grayscale version is **43.3784, 45.6374, 49.6992**.

A 20% lighter version of the original color is **76.6496, 75.9543, 63.4441**, and **23.9184, 20.7035, 13.0915** is the 20% darker color. If you saturate the color by 10%, you get **44.9477, 38.3271, 22.9581**, and if you desaturate by 10%, it is **54.3601, 51.6855, 42.9482**.

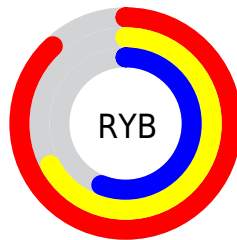
Distribution



Red (88%)

Green (64%)

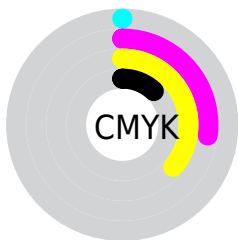
Blue (56%)



Red (88%)

Yellow (67%)

Blue (56%)

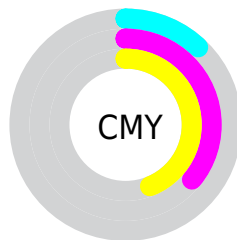


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2847, 44.5416, 31.9864 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 49.2847, 44.5416, 31.9864 by changing the saturation by 10% instead.


 49.2847, 44.5416,
31.9864

 49.2847, 44.5416,
31.9864


374.3604,
364.9138, 325.5481

 35.0608, 31.0965,
21.0864


 88.3123, 82.0321,
63.8874

 23.8765, 20.6724,
12.9953

 113.8468,
106.8463, 85.7255

 15.3663, 12.8847,
7.2946


143.8822,
136.2190, 112.0467

 9.1648, 7.3492,
3.5658

178.7839,
170.5346, 143.2695

 4.9068, 3.6814,
1.3903

218.9172,
210.1775, 179.8126

 2.2269, 1.4970,
0.1341

264.6475,

 0.7569, 0.2866,

255.5321, 222.0943

0.0000

316.3401,
306.9827, 270.5333

■ 0.0000, 0.0000,
0.0000

■ 49.2847, 44.5416,
31.9864

■ 49.2847, 44.5416,
31.9864

■ 44.9477, 38.3271,
22.9581

■ 54.3601, 51.6855,
42.9482

■ 41.3097, 32.9968,
15.7474

■ 60.2037, 59.7887,
55.9450

■ 38.3329, 28.5111,
10.2298

■ 66.8479, 68.8879,
71.0742

■ 35.9742, 24.8250,
6.2640

■ 74.3219, 79.0157,
88.4262

■ 34.1845, 21.8886,
3.6853

■ 82.5730, 90.1708,
107.6604

■ 32.9053, 19.6454,
2.2874

■ 84.8613, 94.7476,
108.4232

■ 32.5461, 18.9970,
1.9514

Harmonies

Analogous

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



51.9959, 44.5416, 41.9461



49.2847, 44.5416, 31.9864



44.8075, 44.5416, 27.0202

Triad

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



49.2847, 44.5416, 31.9864



33.9585, 44.5416, 41.8783



44.7804, 44.5416, 79.1358

Complementary

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



49.2847, 44.5416, 31.9864



46.5104, 54.4597, 79.2946

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.



39.9561, 44.5416, 79.1080



49.2847, 44.5416, 31.9864



33.9524, 44.5416, 55.6994

Square

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



49.2847, 44.5416, 31.9864



36.0894, 44.5416, 31.9450



36.0722, 44.5416, 69.8934



49.2636, 44.5416, 69.9632

Rectangle

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



49.2847, 44.5416, 31.9864



41.5416, 44.5416, 26.4679



36.0722, 44.5416, 69.8934



43.1394, 44.5416, 80.2516

Sweetspot

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



49.2858, 44.5437, 31.9873



84.5595, 85.7259, 84.7269



51.8332, 40.0366, 62.4378



17.8424, 17.9970, 17.5507



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.



49.2858, 44.5437, 31.9873



60.8480, 52.5676, 32.8468



57.7214, 61.4147, 34.7991



13.9912, 14.2683, 14.3234



18.8343, 11.1064, 1.1511



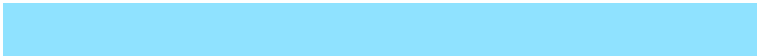
1.3768, 0.9124, 0.1035

Inverse Universe

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



46.5104, 54.4597, 79.2946



56.6101, 67.5757, 104.6675



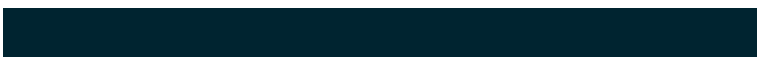
38.1049, 37.6487, 76.4927



13.8038, 14.9468, 17.5452



15.9317, 19.3329, 43.9403



1.1749, 1.4813, 3.0692

Previews

White Background



This preview shows how the XYZ color 49.2847, 44.5416, 31.9864 looks on a white background.

Color Contrast Check

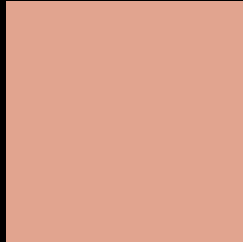
Large Text (above 18pt) WCAG AA × Fail

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 49.2847, 44.5416, 31.9864 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 49.2847, 44.5416, 31.9864

Background



This preview shows how black text looks on a background with the XYZ color 49.2847, 44.5416, 31.9864.



This preview shows how white text looks on a background with the XYZ color 49.2847, 44.5416,

31.9864.

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

49.2847, 44.5416, 31.9864

Protanopia

42.1645, 44.7342, 35.2664

Deuteranopia

45.4578, 44.4887, 31.7825



Tritanopia

52.0121, 44.6141, 44.8998

Trichromacy



Original Color

49.2847, 44.5416, 31.9864

Protanomaly

44.2974, 44.4112, 33.8413

Deuteranomaly

46.6167, 44.2544, 31.6762

Tritanomaly

50.8564, 44.3938, 39.6067

Monochromacy



Original Color

49.2847, 44.5416, 31.9864

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8761, 44.7979, 42.8409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2847, 44.5416, 31.9864 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(225, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 143)  
}
```

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(225, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 49.2847, 44.5416, 31.9864 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(225, 164, 143) }
```


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

```
.border{ border-color:rgb(225, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2847, 44.5416, 31.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 143) }
```

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

```
.background{ background-color: rgb(225,  
164, 143) }
```

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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