

Converting Colors

XYZ(51.1485, 47.3766, 32.3637)

Have a look what the booklet for
XYZ(51.1485, 47.3766, 32.3637)
contains.

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Color

**XYZ(51.1994, 47.4399,
32.4449)**

Conversions

Conversions Part 1

Format	Color
Hex	E3AB8F
RGB	227, 171, 143
RGB Percent	89%, 67%, 56%
CMY	0.1098, 0.3294, 0.4392
CMYK	0.00, 0.25, 0.37, 0.11
HSL	20°, 60%, 73%
HSV	20°, 37%, 89%
XYZ	51.1994, 47.4399, 32.4449
YIQ	184.5520, 42.3640, 3.1640

Conversions

Conversions Part 2

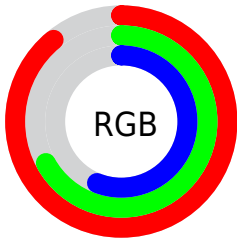
Format	Color
R _Y B	227, 185, 143
Decimal	14920591
CIE Lab	74.47, 16.87, 22.40
CIE LCh	74, 28.041, 53.011
Yxy	47.4399, 0.3906, 0.3619
Android (android.graphics.Color)	4293110671 (0xFFE3AB8F)
YUV	184.5520, -20.4851, 37.2269
Hunter-Lab	68.8766, 12.1538, 20.2846

Details

The XYZ color **51.1994, 47.4399, 32.4449** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.6155, 52.2306, 80.3504**, and the grayscale version is **45.9600, 48.3535, 52.6569**.

A 20% lighter version of the original color is **78.5144, 79.6839, 64.0657**, and **25.1502, 22.5300, 13.3791** is the 20% darker color. If you saturate the color by 10%, you get **46.9544, 41.4289, 23.3872**, and if you desaturate by 10%, it is **56.1221, 54.2491, 43.4461**.

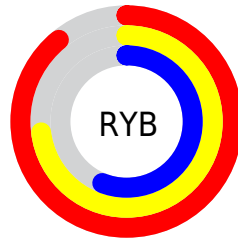
Distribution



Red (89%)

Green (67%)

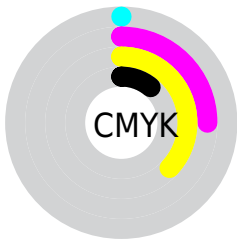
Blue (56%)



Red (89%)

Yellow (73%)

Blue (56%)

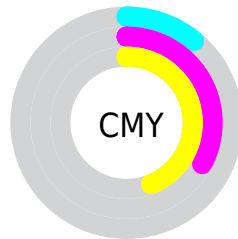


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (11%)



Cyan (11%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1994, 47.4399, 32.4449 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 51.1994, 47.4399, 32.4449 by changing the saturation by 10% instead.


 51.1994, 47.4399,
32.4449


 51.1994, 47.4399,
32.4449


381.7129,
376.5677, 327.6959

 36.5890, 33.3835,
21.4339


 91.1307, 86.3699,
64.6139

 25.0617, 22.4204,
13.2472


 117.1823,
112.0123, 86.6090

 16.2520, 14.1662,
7.4663


147.7784,
142.2855, 113.1025

 9.7946, 8.2363,
3.6725

183.2842,
177.5740, 144.5131

 5.3242, 4.2465,
1.4475

224.0653,
218.2620, 181.2591

 2.4754, 1.8124,
0.1783

270.4868,

 0.8829, 0.4949,

264.7341, 223.7593

0.0000

322.9143,
317.3745, 272.4320

■ 0.0000, 0.0000,
0.0000

■ 51.1994, 47.4399,
32.4449

■ 51.1994, 47.4399,
32.4449

■ 46.9544, 41.4289,
23.3872

■ 56.1221, 54.2491,
43.4461

■ 43.3512, 36.1789,
16.1552

■ 61.7486, 61.8783,
56.4934

■ 40.3563, 31.6597,
10.6229

■ 68.1081, 70.3571,
71.6853

■ 37.9306, 27.8359,
6.6464

■ 75.2269, 79.7112,
89.1133

■ 36.0300, 24.6690,
4.0578

■ 82.8872, 89.8683,
107.5854

■ 34.6002, 22.1145,
2.6402

■ 85.4886, 95.0709,
108.4525

■ 34.2410, 21.4558,
2.3367

Harmonies

Analogous

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



54.6489, 47.4399, 41.5115



51.1994, 47.4399, 32.4449



46.2841, 47.4399, 28.6438

Triad

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



51.1994, 47.4399, 32.4449



36.1081, 47.4399, 48.3380



49.0005, 47.4399, 81.7715

Complementary

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



51.1994, 47.4399, 32.4449



45.6155, 52.2306, 80.3504

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.



43.9170, 47.4399, 84.5317



51.1994, 47.4399, 32.4449



36.7167, 47.4399, 63.3270

Square

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



51.1994, 47.4399, 32.4449



37.7584, 47.4399, 36.6408



39.4874, 47.4399, 77.2533



53.3145, 47.4399, 70.2929

Rectangle

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



51.1994, 47.4399, 32.4449



42.9355, 47.4399, 28.9882



39.4874, 47.4399, 77.2533



47.3158, 47.4399, 83.8279

Sweetspot

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



51.2006, 47.4422, 32.4459



85.1806, 86.9680, 84.9339



51.8101, 40.0998, 59.0425



17.9897, 18.2916, 17.5998



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.



51.2006, 47.4422, 32.4459



62.5458, 55.9631, 33.4127



60.4309, 65.9027, 35.5226



14.7676, 15.1491, 15.0502



20.0654, 12.7049, 1.3947



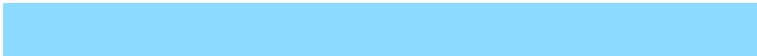
1.5657, 1.1048, 0.1307

Inverse Universe

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



45.6155, 52.2306, 80.3504



54.3092, 62.9740, 103.9005



37.2502, 35.5002, 77.5620



14.3814, 15.4843, 18.3751



14.6818, 16.4256, 44.7798



1.1695, 1.3829, 3.3373

Previews

White Background



This preview shows how the XYZ color 51.1994, 47.4399, 32.4449 looks on a white background.

Color Contrast Check

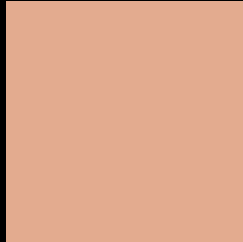
Large Text (above 18pt) WCAG AA × Fail

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 51.1994, 47.4399, 32.4449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

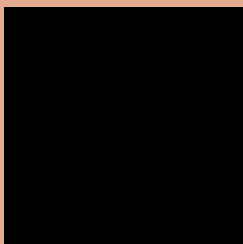
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1994, 47.4399, 32.4449

Background



This preview shows how black text looks on a background with the XYZ color 51.1994, 47.4399, 32.4449.



This preview shows how white text looks on a background with the XYZ color 51.1994, 47.4399, 32.4449.

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

51.1994, 47.4399, 32.4449

Protanopia

44.8640, 47.6390, 35.2644

Deuteranopia

48.4322, 47.4507, 32.1974



Tritanopia

54.7279, 47.5160, 48.9349

Trichromacy



Original Color

51.1994, 47.4399, 32.4449

Protanomaly

47.1187, 47.6122, 34.3104

Deuteranomaly

49.2320, 47.2852, 32.1233

Tritanomaly

53.5187, 47.5814, 42.4398

Monochromacy



Original Color

51.1994, 47.4399, 32.4449

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.3964, 47.8242, 44.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1994, 47.4399, 32.4449 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(227, 171, 143)` looks like.

```
.text, #text, p{  
    color:rgb(227, 171, 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(227, 171, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 171, 143) }
```

Border

The CSS property to change the border of an element to XYZ 51.1994, 47.4399, 32.4449 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(227, 171, 143) }
```


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

```
.border{ border-color:rgb(227, 171, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 171, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 171, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 171, 143);  
box-shadow:4px 4px 4px 4px rgb(227, 171,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1994, 47.4399, 32.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 171, 143) }
```

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

```
.background{ background-color: rgb(227,  
171, 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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