

Converting Colors

XYZ(47.7185, 44.0242, 18.8144)

Have a look what the booklet for
XYZ(47.7185, 44.0242, 18.8144)
contains.

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Color

**XYZ(47.7185, 44.0242,
18.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A467
RGB	228, 164, 103
RGB Percent	89%, 64%, 40%
CMY	0.1059, 0.3568, 0.5961
CMYK	0.00, 0.28, 0.55, 0.11
HSL	29°, 70%, 65%
HSV	29°, 55%, 89%
XYZ	47.7185, 44.0242, 18.8144
YIQ	176.1820, 57.7250, -5.4030

Conversions

Conversions Part 2

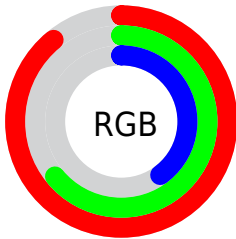
Format	Color
R _Y B	228, 222, 103
Decimal	14984295
CIE Lab	72.24, 17.03, 40.75
CIE LCh	72, 44.163, 67.322
Yxy	44.0242, 0.4316, 0.3982
Android (android.graphics.Color)	4293174375 (0xFFE4A467)
YUV	176.1820, -36.0787, 45.4444
Hunter-Lab	66.3507, 12.2609, 29.6333

Details

The XYZ color **47.7185, 44.0242, 18.8144** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4150, 36.1206, 78.6091**, and the grayscale version is **41.5241, 43.6866, 47.5747**.

A 20% lighter version of the original color is **72.4879, 74.2896, 41.5291**, and **22.8222, 20.2897, 6.2035** is the 20% darker color. If you saturate the color by 10%, you get **44.7326, 39.6410, 12.9224**, and if you desaturate by 10%, it is **51.2102, 48.9200, 26.4150**.

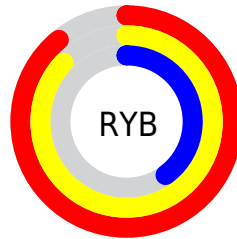
Distribution



Red (89%)

Green (64%)

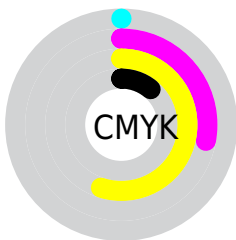
Blue (40%)



Red (89%)

Yellow (87%)

Blue (40%)

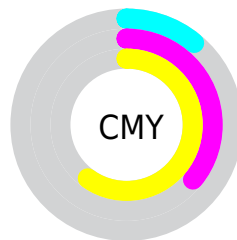


Cyan (0%)

Magenta (28%)

Yellow (55%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7185, 44.0242, 18.8144 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 47.7185, 44.0242, 18.8144 by changing the saturation by 10% instead.

47.7185, 44.0242,
18.8144

47.7185, 44.0242,
18.8144

368.2764,
362.8070, 257.8107

33.8143, 30.6895,
11.3608

85.9974, 81.2542,
42.2528

22.9132, 20.3626,
6.1928

111.1028,
105.9182, 59.0746

14.6498, 12.6589,
2.8920

140.6727,
135.1276, 79.8562

8.6587, 7.1941,
1.0398

175.0724,
169.2666, 105.0162

4.5745, 3.5838,
0.0000

214.6672,
208.7196, 134.9732

2.0320, 1.4436,
0.0000

259.8226,

0.6519, 0.2485,

253.8711, 170.1455

0.0000

310.9039,
305.1055, 210.9519

■ 0.0000, 0.0000,
0.0000

■ 47.7185, 44.0242,
18.8144

■ 47.7185, 44.0242,
18.8144

■ 44.7326, 39.6410,
12.9224

■ 51.2102, 48.9200,
26.4150

■ 42.2183, 35.7433,
8.5977

■ 55.2327, 54.3410,
35.8451

■ 40.1410, 32.3104,
5.6802

■ 59.8126, 60.3073,
47.2170

■ 38.4581, 29.3163,
3.9732

■ 64.9738, 66.8358,
60.6337

■ 37.7091, 27.9227,
3.4021

■ 70.7386, 73.9424,
76.1906

■ 77.1280, 81.6425,
93.9769

■ 82.9135, 89.4515,
107.5036

■ 85.8047, 95.2339,
108.4673

Harmonies

Analogous

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



54.5376, 44.0242, 26.8195



47.7185, 44.0242, 18.8144



40.0135, 44.0242, 17.3089

Triad

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



47.7185, 44.0242, 18.8144



28.9883, 44.0242, 53.4539



51.3172, 44.0242, 89.3822

Complementary

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



47.7185, 44.0242, 18.8144



33.4150, 36.1206, 78.6091

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.



43.7288, 44.0242, 102.4003



47.7185, 44.0242, 18.8144



31.2902, 44.0242, 77.9581

Square

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



47.7185, 44.0242, 18.8144



29.7847, 44.0242, 33.5750



36.4720, 44.0242, 97.6861



56.7842, 44.0242, 65.8970

Rectangle

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



47.7185, 44.0242, 18.8144



35.5040, 44.0242, 19.5911



36.4720, 44.0242, 97.6861



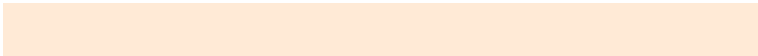
48.8964, 44.0242, 95.4065

Sweetspot

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



47.7196, 44.0264, 18.8153



82.8580, 85.0349, 75.7986



43.8743, 29.0064, 40.1292



17.4310, 17.8191, 15.4252



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.



47.7196, 44.0264, 18.8153



57.1059, 50.2590, 15.6438



61.6165, 71.8202, 23.4476



14.9548, 15.5234, 15.1126



21.8927, 16.3595, 2.0038



1.7105, 1.3944, 0.1790

Inverse Universe

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



33.4150, 36.1206, 78.6091



36.8696, 39.0660, 100.2050



24.6574, 18.6055, 75.6899



14.1899, 15.1012, 18.3113



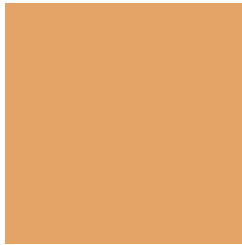
11.8602, 10.7824, 43.8393



0.9694, 0.9827, 3.2706

Previews

White Background



This preview shows how the XYZ color 47.7185, 44.0242, 18.8144 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 47.7185, 44.0242, 18.8144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

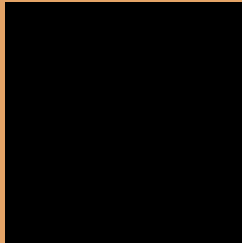
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7185, 44.0242, 18.8144

Background



This preview shows how black text looks on a background with the XYZ color 47.7185, 44.0242, 18.8144.



This preview shows how white text looks on a background with the XYZ color 47.7185, 44.0242,

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

47.7185, 44.0242, 18.8144

Protanopia

40.8753, 44.3928, 20.6017

Deuteranopia

44.9051, 43.9342, 18.6838



Tritanopia

52.5606, 43.9277, 42.7544

Trichromacy



Original Color

47.7185, 44.0242, 18.8144

Protanomaly

42.9987, 44.0496, 19.8718

Deuteranomaly

45.7322, 43.8124, 18.6167

Tritanomaly

50.3872, 43.7988, 32.1839

Monochromacy



Original Color

47.7185, 44.0242, 18.8144

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.6830, 43.2771, 34.5374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7185, 44.0242, 18.8144 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(228, 164, 103)` looks like.

```
.text, #text, p{  
    color:rgb(228, 164, 103)  
}
```

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(228, 164, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 164, 103) }
```

Border

The CSS property to change the border of an element to XYZ 47.7185, 44.0242, 18.8144 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(228, 164, 103) }
```


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

```
.border{ border-color:rgb(228, 164, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 164, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 164, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 164, 103);  
box-shadow:4px 4px 4px 4px rgb(228, 164,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7185, 44.0242, 18.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 164, 103) }
```

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

```
.background{ background-color: rgb(228,  
164, 103) }
```

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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