

Converting Colors

XYZ(46.4883, 41.7082, 24.0128)

Have a look what the booklet for
XYZ(46.4883, 41.7082, 24.0128)
contains.

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Color

**XYZ(46.4802, 41.7062,
24.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	E09E7A
RGB	224, 158, 122
RGB Percent	88%, 62%, 48%
CMY	0.1216, 0.3804, 0.5216
CMYK	0.00, 0.29, 0.46, 0.12
HSL	21°, 62%, 68%
HSV	21°, 46%, 88%
XYZ	46.4802, 41.7062, 24.0127
YIQ	173.6300, 50.8920, 2.7960

Conversions

Conversions Part 2

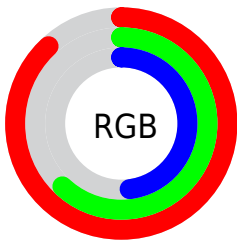
Format	Color
R _Y B	224, 178, 122
Decimal	14720634
CIE Lab	70.67, 20.36, 28.59
CIE LCh	71, 35.099, 54.552
Yxy	41.7062, 0.4143, 0.3717
Android (android.graphics.Color)	4292910714 (0xFFE09E7A)
YUV	173.6300, -25.4536, 44.1745
Hunter-Lab	64.5803, 15.4556, 23.1606

Details

The XYZ color **46.4802, 41.7062, 24.0127** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.4630, 45.4839, 77.2202**, and the grayscale version is **40.1514, 42.2424, 46.0019**.

A 20% lighter version of the original color is **72.7721, 71.9436, 50.6084**, and **22.0825, 18.8961, 8.7868** is the 20% darker color. If you saturate the color by 10%, you get **42.9211, 36.5590, 16.7501**, and if you desaturate by 10%, it is **50.6529, 47.5685, 33.0587**.

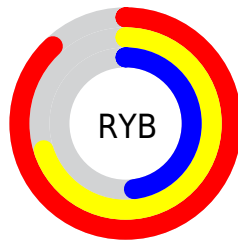
Distribution



Red (88%)

Green (62%)

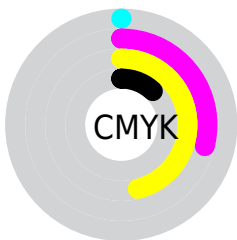
Blue (48%)



Red (88%)

Yellow (70%)

Blue (48%)

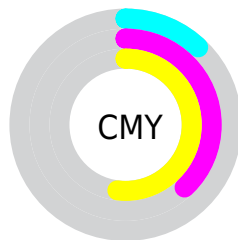


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4802, 41.7062, 24.0127 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 46.4802, 41.7062, 24.0127 by changing the saturation by 10% instead.


 46.4802, 41.7062,
24.0127

 46.4802, 41.7062,
24.0127


363.4195,
353.2636, 286.1733


 32.8311, 28.8713,
15.1308

 84.1607, 77.7548,
50.9950

 22.1557, 18.9835,
8.7636

 108.9228,
101.7373, 69.9325

 14.0886, 11.6583,
4.4926


 138.1200,
130.2044, 93.0588

 8.2644, 6.5115,
1.8993

172.1176,
163.5405, 120.7927

 4.3178, 3.1585,
0.4923

211.2811,
202.1302, 153.5525

 1.8835, 1.2150,
0.0000

255.9756,

 0.5672, 0.0739,

246.3576, 191.7568

0.0000

306.5666,
296.6073, 235.8243

■ 0.0000, 0.0000,
0.0000

■ 46.4802, 41.7062,
24.0127

■ 46.4802, 41.7062,
24.0127

■ 42.9211, 36.5590,
16.7501

■ 50.6529, 47.5685,
33.0587

■ 39.9400, 32.0918,
11.1478

■ 55.4657, 54.1672,
43.9950

■ 37.5022, 28.2751,
7.0706


■ 60.9475, 61.5299,
56.9230


■ 35.5671, 25.0747,
4.3606


■ 67.1240, 69.6811,
71.9360

■ 34.0865, 22.4517,
2.8243

■ 74.0199, 78.6439,
89.1215

 33.5414, 21.4493,
2.3723

 81.4319, 88.3502,
107.3691

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



50.6969, 41.7062, 33.3701



46.4802, 41.7062, 24.0127



40.7108, 41.7062, 20.4239

Triad

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



46.4802, 41.7062, 24.0127



29.5255, 41.7062, 42.4400



44.4668, 41.7062, 81.1790

Complementary

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



46.4802, 41.7062, 24.0127



39.4630, 45.4839, 77.2202

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.



38.5891, 41.7062, 85.2954



46.4802, 41.7062, 24.0127



30.3212, 41.7062, 60.0473

Square

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



46.4802, 41.7062, 24.0127



31.2171, 41.7062, 29.2656



33.5070, 41.7062, 76.7856



49.4573, 41.7062, 66.6127

Rectangle

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



46.4802, 41.7062, 24.0127



36.8989, 41.7062, 20.9460



33.5070, 41.7062, 76.7856



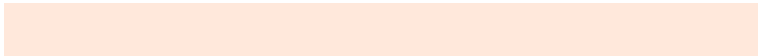
42.5147, 41.7062, 83.9597

Sweetspot

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



46.4812, 41.7082, 24.0135



82.8947, 84.0483, 79.0790



46.8096, 33.4105, 51.7286



17.3779, 17.5043, 16.0508



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.



46.4812, 41.7082, 24.0135



57.6417, 49.1351, 22.5903



56.9803, 62.7063, 27.5132



14.1011, 14.4881, 14.3601



19.6217, 12.6814, 1.4136



1.4423, 1.0435, 0.1254

Inverse Universe

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



39.4630, 45.4839, 77.2202



47.0368, 54.7467, 102.6958



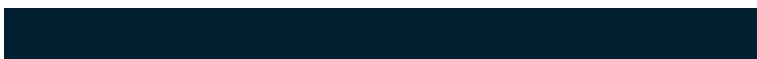
30.4693, 27.4966, 74.2223



13.6882, 14.7156, 17.5066



13.8309, 15.1314, 43.2400



1.0419, 1.2154, 3.0249

Previews

White Background



This preview shows how the XYZ color 46.4802, 41.7062, 24.0127 looks on a white background.

Color Contrast Check

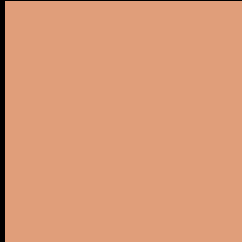
Large Text (above 18pt) WCAG AA × Fail

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 46.4802, 41.7062, 24.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

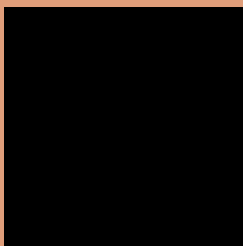
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4802, 41.7062, 24.0127

Background



This preview shows how black text looks on a background with the XYZ color 46.4802, 41.7062, 24.0127.



This preview shows how white text looks on a background with the XYZ color 46.4802, 41.7062,

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

46.4802, 41.7062, 24.0127

Protanopia

39.0896, 41.8848, 26.4464

Deuteranopia

42.7585, 41.8939, 23.6020



Tritanopia

49.9240, 41.6308, 40.5262

Trichromacy



Original Color

46.4802, 41.7062, 24.0127

Protanomaly

41.5879, 41.7910, 25.6132

Deuteranomaly

43.9890, 41.7210, 23.8236

Tritanomaly

48.6590, 41.6120, 33.9011

Monochromacy



Original Color

46.4802, 41.7062, 24.0127

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6573, 41.5783, 36.8402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4802, 41.7062, 24.0127 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(224, 158, 122)` looks like.

```
.text, #text, p{  
    color:rgb(224, 158, 122)  
}
```

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(224, 158, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 158, 122) }
```

Border

The CSS property to change the border of an element to XYZ 46.4802, 41.7062, 24.0127 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(224, 158, 122) }
```


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

```
.border{ border-color:rgb(224, 158, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 158, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 158, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 158, 122);  
box-shadow:4px 4px 4px 4px rgb(224, 158,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4802, 41.7062, 24.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 158, 122) }
```

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

```
.background{ background-color: rgb(224,  
158, 122) }
```

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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