

Converting Colors

XYZ(46.4837, 41.9142, 33.1427)

Have a look what the booklet for
XYZ(46.4837, 41.9142, 33.1427)
contains.

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Color

**XYZ(46.4525, 41.9999,
33.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A093
RGB	217, 160, 147
RGB Percent	85%, 63%, 58%
CMY	0.1490, 0.3725, 0.4235
CMYK	0.00, 0.26, 0.32, 0.15
HSL	11°, 48%, 71%
HSV	11°, 32%, 85%
XYZ	46.4525, 41.9999, 33.2622
YIQ	175.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

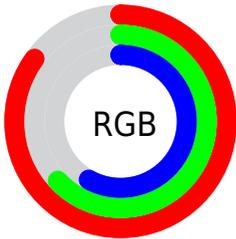
Format	Color
R _Y B	217, 163, 147
Decimal	14262419
CIE Lab	70.87, 19.40, 15.08
CIE LCh	71, 24.574, 37.853
Yxy	41.9999, 0.3817, 0.3451
Android (android.graphics.Color)	4292452499 (0xFFD9A093)
YUV	175.5610, -14.0806, 36.3420
Hunter-Lab	64.8073, 14.5321, 14.9347

Details

The XYZ color **46.4525, 41.9999, 33.2622** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1490, 54.3965, 73.7129**, and the grayscale version is **41.0963, 43.2365, 47.0846**.

A 20% lighter version of the original color is **76.0831, 74.0779, 65.5468**, and **22.1718, 19.1467, 13.5934** is the 20% darker color. If you saturate the color by 10%, you get **42.0594, 35.6865, 24.1745**, and if you desaturate by 10%, it is **51.6043, 49.3163, 44.1884**.

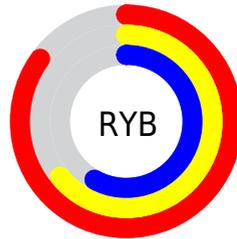
Distribution



Red (85%)

Green (63%)

Blue (58%)



Red (85%)

Yellow (64%)

Blue (58%)

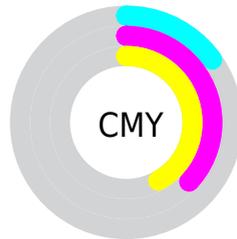


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (15%)



Cyan (15%)

Magenta (37%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4525, 41.9999, 33.2622 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 46.4525, 41.9999, 33.2622 by changing the saturation by 10% instead.

 46.4525, 41.9999,
33.2622

 46.4525, 41.9999,
33.2622

363.3104,
354.4825, 331.4977

 32.8092, 29.1012,
22.0546

 84.1195, 78.1995,
65.9054

 22.1388, 19.1574,
13.6983

 108.8739,
102.2692, 88.1781

 14.0761, 11.7841,
7.7748

138.0628,
130.8313, 114.9762

 8.2557, 6.5968,
3.8655

172.0513,
164.2703, 146.7184

 4.3122, 3.2113,
1.5518

211.2050,
202.9705, 183.8231

 1.8802, 1.2430,
0.2561

255.8892,

 0.5653, 0.0964,

247.3163, 226.7088

0.0000

306.4692,
297.6922, 275.7942

■ 0.0000, 0.0000,
0.0000

■ 46.4525, 41.9999,
33.2622

■ 46.4525, 41.9999,
33.2622

■ 42.0594, 35.6865,
24.1745

■ 51.6043, 49.3163,
44.1884

■ 38.3855, 30.3265,
16.8212

■ 57.5454, 57.6710,
57.0440

■ 35.3922, 25.8748,
11.0919

■ 64.3088, 67.1045,
71.9173

■ 33.0362, 22.2801,
6.8622

■ 71.9244, 77.6536,
88.8900

■ 31.2689, 19.4862,
3.9896

■ 80.3399, 89.3210,
107.6140

■ 30.0338, 17.4294,
2.3034

■ 82.4253, 93.4917,
108.3092

■ 29.3847, 16.2906,
1.5957

Harmonies

Analogous

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



48.2226, 41.9999, 42.7236



46.4525, 41.9999, 33.2622



42.9564, 41.9999, 27.8901

Triad

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



46.4525, 41.9999, 33.2622



33.0735, 41.9999, 37.7594



41.0032, 41.9999, 71.8491

Complementary

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



46.4525, 41.9999, 33.2622



46.1490, 54.3965, 73.7129

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.



37.0295, 41.9999, 69.9078



46.4525, 41.9999, 33.2622



32.6291, 41.9999, 48.8758

Square

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



46.4525, 41.9999, 33.2622



35.2883, 41.9999, 30.1610



34.0299, 41.9999, 60.9806



44.9394, 41.9999, 65.9053

Rectangle

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



46.4525, 41.9999, 33.2622



40.2148, 41.9999, 26.7238



34.0299, 41.9999, 60.9806



39.6260, 41.9999, 72.1134

Sweetspot

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



46.4536, 42.0019, 33.2630



84.9432, 85.9260, 86.6037



49.9683, 39.9872, 62.3164



17.8984, 17.9960, 17.9179



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.



46.4536, 42.0019, 33.2630



62.3438, 53.9272, 38.3762



53.3597, 55.8141, 35.5651



13.2508, 13.4409, 13.6215



17.8445, 9.9745, 0.9848



1.2148, 0.7636, 0.0834

Inverse Universe

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



46.1490, 54.3965, 73.7129



61.8200, 74.5363, 105.7364



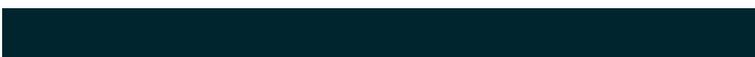
38.7764, 39.6512, 71.2554



13.2285, 14.3968, 16.7338



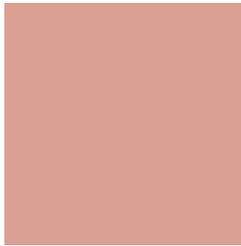
17.1339, 22.1372, 43.1083



1.1644, 1.5429, 2.8109

Previews

White Background



This preview shows how the XYZ color 46.4525, 41.9999, 33.2622 looks on a white background.

Color Contrast Check

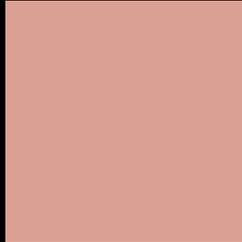
Large Text (above 18pt) WCAG AA × Fail

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 46.4525, 41.9999, 33.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

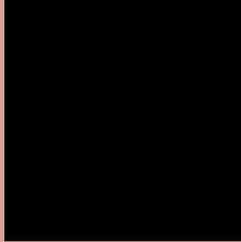
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.4525, 41.9999, 33.2622

Background



This preview shows how black text looks on a background with the XYZ color 46.4525, 41.9999, 33.2622.



This preview shows how white text looks on a background with the XYZ color 46.4525, 41.9999,

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

46.4525, 41.9999, 33.2622

Protanopia

40.0677, 42.1653, 36.5988

Deuteranopia

42.8264, 41.9921, 33.0422



Tritanopia

48.4318, 42.0386, 43.0977

Trichromacy



Original Color

46.4525, 41.9999, 33.2622

Protanomaly

42.0942, 41.8417, 35.1358

Deuteranomaly

43.9174, 41.7481, 32.9376

Tritanomaly

47.5733, 41.9324, 39.3046

Monochromacy



Original Color

46.4525, 41.9999, 33.2622

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.6521, 42.5424, 41.5608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4525, 41.9999, 33.2622 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(217, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 160, 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(217, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 160, 147) }
```

Border

The CSS property to change the border of an element to XYZ 46.4525, 41.9999, 33.2622 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(217, 160, 147) }
```

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

```
.border{ border-color:rgb(217, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 160,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4525, 41.9999, 33.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 160, 147) }
```

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

```
.background{ background-color: rgb(217,  
160, 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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