

Converting Colors

XYZ(46.3964, 43.9741, 26.8114)

Have a look what the booklet for
XYZ(46.3964, 43.9741, 26.8114)
contains.

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Color

**XYZ(46.3964, 43.9741,
26.8114)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A781
RGB	217, 167, 129
RGB Percent	85%, 65%, 51%
CMY	0.1490, 0.3451, 0.4941
CMYK	0.00, 0.23, 0.41, 0.15
HSL	26°, 54%, 68%
HSV	26°, 41%, 85%
XYZ	46.3964, 43.9741, 26.8114
YIQ	177.6180, 41.9980, -1.2180

Conversions

Conversions Part 2

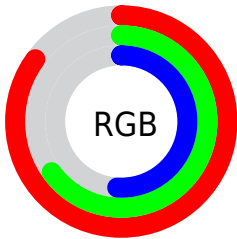
Format	Color
R _Y B	217, 196, 129
Decimal	14264193
CIE Lab	72.21, 13.47, 26.73
CIE LCh	72, 29.932, 63.261
Yxy	43.9741, 0.3959, 0.3753
Android (android.graphics.Color)	4292454273 (0xFFD9A781)
YUV	177.6180, -23.9687, 34.5380
Hunter-Lab	66.3130, 8.8413, 22.4472

Details

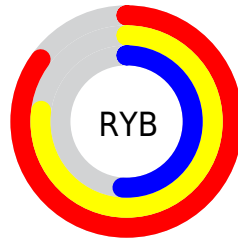
The XYZ color **46.3964, 43.9741, 26.8114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.6971, 41.9155, 71.7491**, and the grayscale version is **42.2230, 44.4219, 48.3755**.

A 20% lighter version of the original color is **75.8048, 76.8800, 55.0999**, and **22.0392, 20.2996, 10.1538** is the 20% darker color. If you saturate the color by 10%, you get **42.9527, 39.1550, 19.2871**, and if you desaturate by 10%, it is **50.3640, 49.3506, 36.0224**.

Distribution



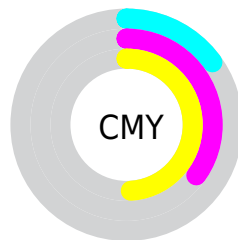
- Red (85%)
- Green (65%)
- Blue (51%)



- Red (85%)
- Yellow (77%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3964, 43.9741, 26.8114 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 46.3964, 43.9741, 26.8114 by changing the saturation by 10% instead.


 46.3964, 43.9741,
26.8114

 46.3964, 43.9741,
26.8114


363.0893,
362.6026, 300.4740

 32.7647, 30.6501,
17.2004


 84.0362, 81.1788,
55.5811

 22.1046, 20.3326,
10.2140


 108.7749,
105.8283, 75.5770

 14.0508, 12.6370,
5.4336


 137.9468,
135.0218, 99.8716

 8.2380, 7.1791,
2.4407

171.9170,
169.1436, 128.8834

 4.3007, 3.5744,
0.8085

211.0510,
208.5782, 163.0310

 1.8736, 1.4384,
0.0000

255.7142,

 0.5614, 0.2448,

253.7100, 202.7329

0.0000

306.2718,
304.9233, 248.4078

■ 0.0000, 0.0000,
0.0000

■ 46.3964, 43.9741,
26.8114

■ 46.3964, 43.9741,
26.8114

■ 42.9527, 39.1550,
19.2871

■ 50.3640, 49.3506,
36.0224

■ 40.0039, 34.8672,
13.3418

■ 54.8758, 55.2968,
47.0133

■ 37.5232, 31.0915,
8.8594


■ 59.9549, 61.8326,
59.8737


■ 35.4790, 27.8048,
5.7064


■ 65.6219, 68.9747,
74.6861


■ 33.8347, 24.9814,
3.7241

■ 71.8965, 76.7391,
91.5282

 32.5927, 22.7067,
2.6650

 78.1133, 84.8679,
106.8719

 81.8866, 92.4144,
108.1296

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



50.6051, 43.9741, 33.9893



46.3964, 43.9741, 26.8114



41.2371, 43.9741, 24.8392

Triad

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



46.3964, 43.9741, 26.8114



32.6955, 43.9741, 49.5063



47.4468, 43.9741, 75.6220

Complementary

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



46.3964, 43.9741, 26.8114



37.6971, 41.9155, 71.7491

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.



42.3600, 43.9741, 82.0125



46.3964, 43.9741, 26.8114



34.0737, 43.9741, 65.1183

Square

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



46.3964, 43.9741, 26.8114



33.5860, 43.9741, 36.2541



37.5103, 43.9741, 77.8237



51.2456, 43.9741, 61.7590

Rectangle

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



46.3964, 43.9741, 26.8114



38.0179, 43.9741, 26.3217



37.5103, 43.9741, 77.8237



45.8166, 43.9741, 78.8306

Sweetspot

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



46.3975, 43.9762, 26.8123



85.2115, 87.5888, 83.2210



44.7380, 33.7615, 47.5172



18.0257, 18.4751, 17.2681



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.



46.3975, 43.9762, 26.8123



62.4157, 57.1592, 28.8799



55.5421, 62.2654, 29.8605



13.5162, 13.9718, 13.7100



19.8306, 13.9467, 1.6468



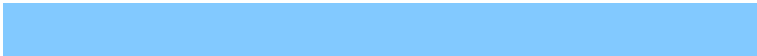
1.3693, 1.0726, 0.1349

Inverse Universe

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



37.6971, 41.9155, 71.7491



48.1590, 53.7606, 102.4463



30.4292, 27.3798, 69.3265



12.9496, 13.8389, 16.6408



11.9975, 11.8644, 41.3961



0.8623, 0.9387, 2.7102

Previews

White Background



This preview shows how the XYZ color 46.3964, 43.9741, 26.8114 looks on a white background.

Color Contrast Check

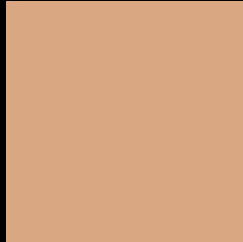
Large Text (above 18pt) WCAG AA × Fail

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 46.3964, 43.9741, 26.8114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

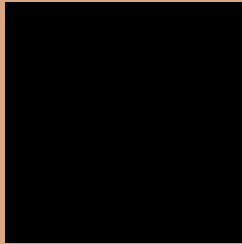
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3964, 43.9741, 26.8114

Background



This preview shows how black text looks on a background with the XYZ color 46.3964, 43.9741, 26.8114.



This preview shows how white text looks on a background with the XYZ color 46.3964, 43.9741,

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

46.3964, 43.9741, 26.8114

Protanopia

41.1910, 44.0849, 28.5285

Deuteranopia

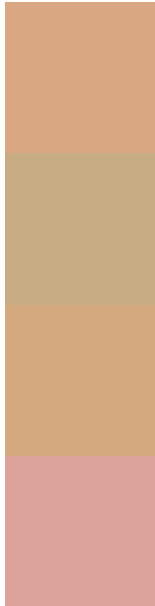
44.8493, 44.0096, 26.5530



Tritanopia

50.1065, 43.8790, 45.3638

Trichromacy



Original Color

46.3964, 43.9741, 26.8114

Protanomaly

42.9278, 43.8324, 28.0278

Deuteranomaly

45.5248, 44.0806, 26.5311

Tritanomaly

48.6982, 43.8444, 37.7944

Monochromacy



Original Color

46.3964, 43.9741, 26.8114

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.2194, 44.0166, 39.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3964, 43.9741, 26.8114 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, 167, 129)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 129)  
}
```

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, 167, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 129) }
```

Border

The CSS property to change the border of an element to XYZ 46.3964, 43.9741, 26.8114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

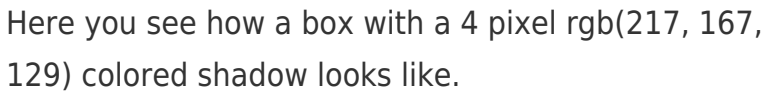
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 167, 129) }
```


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

```
.border{ border-color:rgb(217, 167, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 167, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 167, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 167, 129);  
box-shadow:4px 4px 4px 4px rgb(217, 167,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3964, 43.9741, 26.8114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 129) }
```

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

```
.background{ background-color: rgb(217,  
167, 129) }
```

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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