

Converting Colors

XYZ(44.4735, 41.5712, 28.8579)

Have a look what the booklet for
XYZ(44.4735, 41.5712, 28.8579)
contains.

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Color

**XYZ(44.5156, 41.6153,
28.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A288
RGB	212, 162, 136
RGB Percent	83%, 64%, 53%
CMY	0.1686, 0.3647, 0.4667
CMYK	0.00, 0.24, 0.36, 0.17
HSL	21°, 47%, 68%
HSV	21°, 36%, 83%
XYZ	44.5156, 41.6153, 28.9789
YIQ	173.9860, 38.1460, 2.5140

Conversions

Conversions Part 2

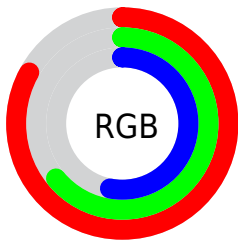
Format	Color
R_{YB}	212, 176, 136
Decimal	13935240
CIE Lab	70.60, 15.00, 20.67
CIE LCh	71, 25.538, 54.037
Yxy	41.6153, 0.3867, 0.3615
Android (android.graphics.Color)	4292125320 (0xFFD4A288)
YUV	173.9860, -18.7271, 33.3383
Hunter-Lab	64.5099, 10.2830, 18.5229

Details

The XYZ color **44.5156, 41.6153, 28.9789** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.5952, 45.1038, 68.9062**, and the grayscale version is **40.3053, 42.4043, 46.1783**.

A 20% lighter version of the original color is **75.2382, 74.5598, 58.5701**, and **20.9659, 18.8917, 11.3455** is the 20% darker color. If you saturate the color by 10%, you get **40.8337, 36.4288, 21.0391**, and if you desaturate by 10%, it is **48.7702, 47.4699, 38.5807**.

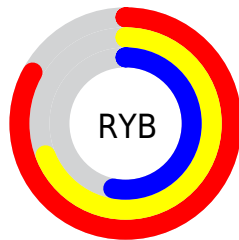
Distribution



Red (83%)

Green (64%)

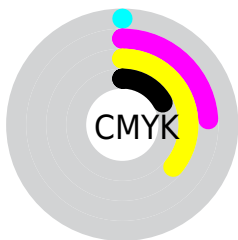
Blue (53%)



Red (83%)

Yellow (69%)

Blue (53%)

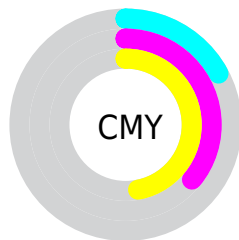


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (17%)



Cyan (17%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5156, 41.6153, 28.9789 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 44.5156, 41.6153, 28.9789 by changing the saturation by 10% instead.


 44.5156, 41.6153,
28.9789

 44.5156, 41.6153,
28.9789


355.6250,
352.8857, 311.1732


 31.2757, 28.8002,
18.8194


 81.2346, 77.6171,
59.0853

 20.9617, 18.9297,
11.3644


 105.4444,
101.5725, 79.8694

 13.2083, 11.6195,
6.1952

 134.0415,
130.0102, 105.0320

 7.6502, 6.4852,
2.8935

167.3914,
163.3145, 134.9918

 3.9218, 3.1423,
1.0405

205.8593,
201.8698, 170.1673

 1.6580, 1.2065,
0.0000

249.8106,

 0.4298, 0.0670,

246.0605, 210.9770

0.0000

299.6107,
296.2710, 257.8394

■ 0.0000, 0.0000,
0.0000

■ 44.5156, 41.6153,
28.9789

■ 44.5156, 41.6153,
28.9789

■ 40.8337, 36.4288,
21.0391

■ 48.7702, 47.4699,
38.5807

■ 37.6947, 31.8796,
14.6628

■ 53.6189, 54.0101,
49.9301

■ 35.0708, 27.9434,
9.7450

■ 59.0858, 61.2600,
63.1098

■ 32.9302, 24.5916,
6.1664

■ 65.1929, 69.2407,
78.1967

■ 31.2367, 21.7929,
3.7885

■ 71.9608, 77.9725,
95.2629

■ 29.9474, 19.5120,
2.4405

■ 78.0604, 86.9351,
107.2737

■ 29.5037, 18.7018,
2.0548

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



47.4410, 41.6153, 36.4864



44.5156, 41.6153, 28.9789



40.4035, 41.6153, 25.8989

Triad

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



44.5156, 41.6153, 28.9789



32.0170, 41.6153, 42.9393



42.9537, 41.6153, 70.0345

Complementary

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



44.5156, 41.6153, 28.9789



39.5952, 45.1038, 68.9062

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.



38.7167, 41.6153, 72.5920



44.5156, 41.6153, 28.9789



32.5937, 41.6153, 55.4571

Square

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



44.5156, 41.6153, 28.9789



33.3406, 41.6153, 32.9839



34.9757, 41.6153, 66.8551



46.4953, 41.6153, 60.3828

Rectangle

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



44.5156, 41.6153, 28.9789



37.6176, 41.6153, 26.2924



34.9757, 41.6153, 66.8551



41.5559, 41.6153, 71.8165

Sweetspot

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



44.5167, 41.6173, 28.9797



85.2516, 87.1101, 84.9576



44.8897, 35.1793, 51.2514



18.0065, 18.3253, 17.6054



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.



44.5167, 41.6173, 28.9797



63.2843, 57.1280, 34.6211



52.0956, 56.7751, 31.5060



12.7672, 13.1086, 13.0180



18.2982, 11.7137, 1.2966



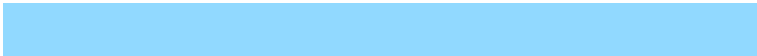
1.1795, 0.8581, 0.1035

Inverse Universe

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



39.5952, 45.1038, 68.9062



54.7259, 63.1458, 103.9117



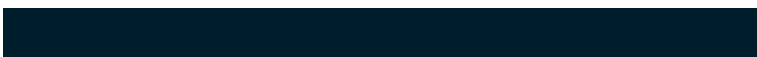
32.7322, 31.3777, 66.6186



12.4178, 13.3590, 15.8616



13.1738, 14.6093, 40.5787



0.8701, 1.0322, 2.4727

Previews

White Background



This preview shows how the XYZ color 44.5156, 41.6153, 28.9789 looks on a white background.

Color Contrast Check

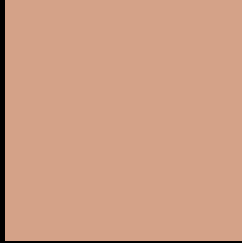
Large Text (above 18pt) WCAG AA × Fail

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 44.5156, 41.6153, 28.9789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

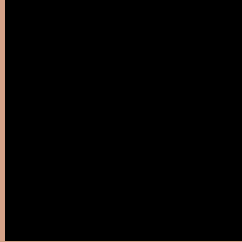
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5156, 41.6153, 28.9789

Background



This preview shows how black text looks on a background with the XYZ color 44.5156, 41.6153, 28.9789.



This preview shows how white text looks on a background with the XYZ color 44.5156, 41.6153,

28.9789.

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

44.5156, 41.6153, 28.9789

Protanopia

39.2797, 41.8775, 31.2122

Deuteranopia

42.3665, 41.5783, 28.7141



Tritanopia

47.2427, 41.4256, 43.0421

Trichromacy



Original Color

44.5156, 41.6153, 28.9789

Protanomaly

41.0963, 41.7093, 30.3108

Deuteranomaly

43.2819, 41.7813, 28.7051

Tritanomaly

46.2155, 41.5267, 37.4779

Monochromacy



Original Color

44.5156, 41.6153, 28.9789

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4589, 41.9789, 39.1753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5156, 41.6153, 28.9789 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(212, 162, 136)` looks like.

```
.text, #text, p{  
    color:rgb(212, 162, 136)  
}
```

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(212, 162, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 162, 136) }
```

Border

The CSS property to change the border of an element to XYZ 44.5156, 41.6153, 28.9789 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(212, 162, 136) }
```


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

```
.border{ border-color:rgb(212, 162, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 162, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 162, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 162, 136);  
box-shadow:4px 4px 4px 4px rgb(212, 162,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5156, 41.6153, 28.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 162, 136) }
```

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

```
.background{ background-color: rgb(212,  
162, 136) }
```

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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