

Converting Colors

XYZ(44.2557, 42.3198, 28.3756)

Have a look what the booklet for
XYZ(44.2557, 42.3198, 28.3756)
contains.

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Color

**XYZ(44.3366, 42.3331,
28.3886)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A586
RGB	210, 165, 134
RGB Percent	82%, 65%, 53%
CMY	0.1765, 0.3529, 0.4745
CMYK	0.00, 0.21, 0.36, 0.18
HSL	24°, 46%, 67%
HSV	24°, 36%, 82%
XYZ	44.3366, 42.3331, 28.3886
YIQ	174.9210, 36.7710, -0.1010

Conversions

Conversions Part 2

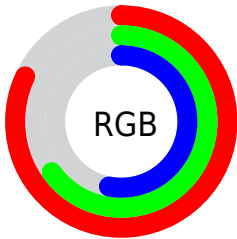
Format	Color
R _Y B	210, 186, 134
Decimal	13804934
CIE Lab	71.10, 12.34, 22.40
CIE LCh	71, 25.578, 61.149
Yxy	42.3331, 0.3853, 0.3679
Android (android.graphics.Color)	4291995014 (0xFFD2A586)
YUV	174.9210, -20.1741, 30.7643
Hunter-Lab	65.0639, 7.7738, 19.6754

Details

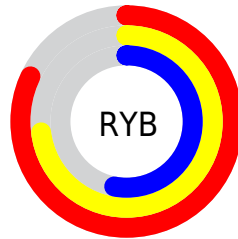
The XYZ color **44.3366, 42.3331, 28.3886** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.5841, 41.9605, 67.0913**, and the grayscale version is **40.7953, 42.9199, 46.7397**.

A 20% lighter version of the original color is **75.8028, 76.0343, 57.6945**, and **20.8318, 19.3204, 11.0188** is the 20% darker color. If you saturate the color by 10%, you get **40.8805, 37.5366, 20.7139**, and if you desaturate by 10%, it is **48.3038, 47.6860, 37.6695**.

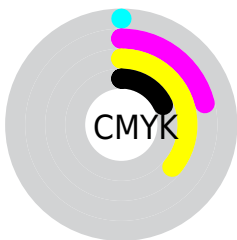
Distribution



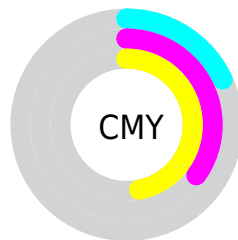
- Red (82%)
- Green (65%)
- Blue (53%)



- Red (82%)
- Yellow (73%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3366, 42.3331, 28.3886 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 44.3366, 42.3331, 28.3886 by changing the saturation by 10% instead.


 44.3366, 42.3331,
28.3886


 44.3366, 42.3331,
28.3886


354.9091,
355.8619, 308.2893


 31.1343, 29.3622,
18.3772


 80.9672, 78.7035,
58.1348

 20.8534, 19.3550,
11.0489


 105.1262,
102.8718, 78.7067

 13.1288, 11.9271,
5.9852


 133.6681,
131.5414, 103.6359

 7.5949, 6.6940,
2.7674

166.9583,
165.0966, 133.3408

 3.8864, 3.2715,
0.9771

205.3622,
203.9219, 168.2401

 1.6381, 1.2751,
0.0000

249.2450,

 0.4170, 0.1218,

248.4016, 208.7522

0.0000

298.9722,
298.9201, 255.2958

■ 0.0000, 0.0000,
0.0000

■ 44.3366, 42.3331,
28.3886

■ 44.3366, 42.3331,
28.3886

■ 40.8805, 37.5366,
20.7139

■ 48.3038, 47.6860,
37.6695

■ 37.9087, 33.2712,
14.5495

■ 52.8007, 53.6075,
48.6395

■ 35.3967, 29.5184,
9.7935


■ 57.8487, 60.1170,
61.3791


■ 33.3161, 26.2558,
6.3297


■ 63.4672, 67.2310,
75.9626

■ 31.6345, 23.4590,
4.0232


■ 69.6744, 74.9653,
92.4602

 30.3128, 21.1003,
2.7049

 75.6720, 83.0088,
106.6417

 29.8799, 20.3046,
2.3443

 79.4504, 90.5656,
107.9012

 80.3884, 92.4417,
108.2139

Harmonies

Analogous

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



47.6930, 42.3331, 34.9523



44.3366, 42.3331, 28.3886



40.0717, 42.3331, 26.3278

Triad

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



44.3366, 42.3331, 28.3886



32.5613, 42.3331, 46.5675



44.6420, 42.3331, 69.3319

Complementary

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



44.3366, 42.3331, 28.3886



37.5841, 41.9605, 67.0913

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.



40.4015, 42.3331, 73.8796



44.3366, 42.3331, 28.3886



33.6004, 42.3331, 59.3816

Square

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



44.3366, 42.3331, 28.3886



33.4544, 42.3331, 35.6369



36.3970, 42.3331, 69.9538



47.8780, 42.3331, 58.4183

Rectangle

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



44.3366, 42.3331, 28.3886



37.3415, 42.3331, 27.4317



36.3970, 42.3331, 69.9538



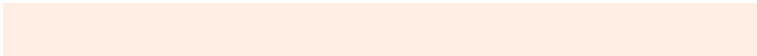
43.2771, 42.3331, 71.7344

Sweetspot

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



44.3377, 42.3351, 28.3895



85.7873, 88.1814, 85.1361



43.3013, 34.0313, 47.2536



18.1338, 18.5798, 17.6478



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.



44.3377, 42.3351, 28.3895



64.8090, 60.1774, 35.1294



52.0962, 57.8522, 30.9756



12.1991, 12.5888, 12.3990



18.3195, 12.5721, 1.4611



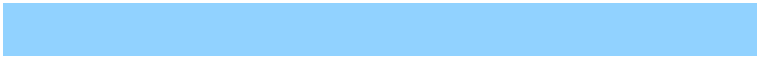
1.1015, 0.8573, 0.1074

Inverse Universe

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



37.5841, 41.9605, 67.0913



52.9017, 59.4974, 103.3037



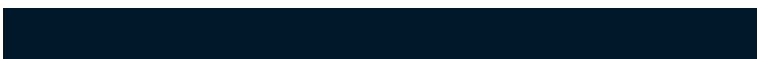
31.0785, 28.9492, 64.9227



11.7371, 12.5645, 15.0502



11.6188, 11.8842, 38.8740



0.7266, 0.8184, 2.1992

Previews

White Background



This preview shows how the XYZ color 44.3366, 42.3331, 28.3886 looks on a white background.

Color Contrast Check

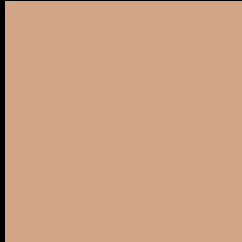
Large Text (above 18pt) WCAG AA × Fail

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 44.3366, 42.3331, 28.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

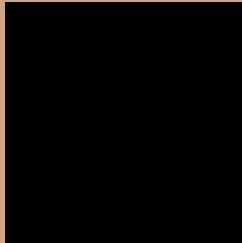
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3366, 42.3331, 28.3886

Background



This preview shows how black text looks on a background with the XYZ color 44.3366, 42.3331, 28.3886.



This preview shows how white text looks on a background with the XYZ color 44.3366, 42.3331,

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

44.3366, 42.3331, 28.3886

Protanopia

39.7311, 42.4214, 30.1388

Deuteranopia

43.2986, 42.3378, 28.4442



Tritanopia

47.7488, 42.4163, 44.7003

Trichromacy



Original Color

44.3366, 42.3331, 28.3886

Protanomaly

41.3264, 42.4013, 29.6730

Deuteranomaly

43.6714, 42.2591, 28.4093

Tritanomaly

46.5325, 42.4554, 38.0899

Monochromacy



Original Color

44.3366, 42.3331, 28.3886

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6471, 42.3553, 39.2380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3366, 42.3331, 28.3886 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(210, 165, 134)` looks like.

```
.text, #text, p{  
    color:rgb(210, 165, 134)  
}
```

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(210, 165, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 165, 134) }
```

Border

The CSS property to change the border of an element to XYZ 44.3366, 42.3331, 28.3886 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(210, 165, 134) }
```


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

```
.border{ border-color:rgb(210, 165, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 165, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 165, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 165, 134);  
box-shadow:4px 4px 4px 4px rgb(210, 165,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3366, 42.3331, 28.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 165, 134) }
```

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

```
.background{ background-color: rgb(210,  
165, 134) }
```

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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