

Converting Colors

XYZ(44.4318, 43.8327, 17.1960)

Have a look what the booklet for
XYZ(44.4318, 43.8327, 17.1960)
contains.

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Color

**XYZ(44.3236, 43.6675,
17.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A960
RGB	215, 169, 96
RGB Percent	84%, 66%, 38%
CMY	0.1569, 0.3372, 0.6235
CMYK	0.00, 0.21, 0.55, 0.16
HSL	37°, 60%, 61%
HSV	37°, 55%, 84%
XYZ	44.3236, 43.6675, 17.1589
YIQ	174.4320, 50.8490, -12.9510

Conversions

Conversions Part 2

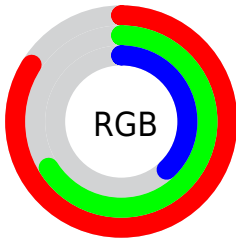
Format	Color
RYB	171, 215, 96
Decimal	14133600
CIELab	72.01, 8.40, 43.71
CIELCh	72, 44.505, 79.120
Yxy	43.6675, 0.4215, 0.4153
Android (android.graphics.Color)	4292323680 (0xFFD7A960)
YUV	174.4320, -38.6670, 35.5781
Hunter-Lab	66.0814, 4.0851, 30.8615

Details

The XYZ color **44.3236, 43.6675, 17.1589** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.7622, 26.7380, 68.0401**, and the grayscale version is **40.6299, 42.7458, 46.5502**.

A 20% lighter version of the original color is **73.2410, 76.7094, 38.9632**, and **20.7591, 20.0879, 5.3680** is the 20% darker color. If you saturate the color by 10%, you get **41.9690, 40.3317, 12.1404**, and if you desaturate by 10%, it is **47.0493, 47.3123, 23.6372**.

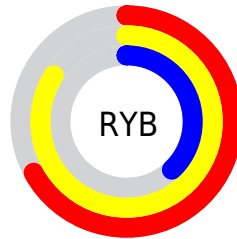
Distribution



Red (84%)

Green (66%)

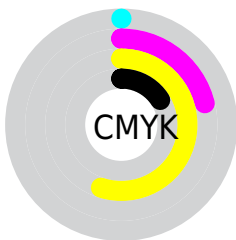
Blue (38%)



Red (67%)

Yellow (84%)

Blue (38%)

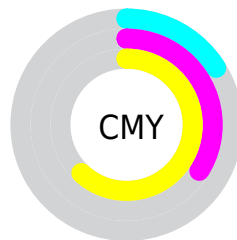


Cyan (0%)

Magenta (21%)

Yellow (55%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3236, 43.6675, 17.1589 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 44.3236, 43.6675, 17.1589 by changing the saturation by 10% instead.

■ 44.3236, 43.6675,
17.1589

■ 44.3236, 43.6675,
17.1589

354.8571,
361.3497, 248.1613

■ 31.1240, 30.4092,
10.1847

■ 80.9478, 80.7172,
39.3932

■ 20.8456, 20.1494,
5.4144

■ 105.1031,
105.2773, 55.4903

■ 13.1230, 12.5037,
2.4294

■ 133.6410,
134.3736, 75.4655

■ 7.5909, 7.0877,
0.8024

■ 166.9269,
168.3903, 99.7373

■ 3.8839, 3.5170,
0.0000

205.3261,
207.7119, 128.7242

■ 1.6367, 1.4072,
0.0000

249.2039,

■ 0.4161, 0.2220,

252.7227, 162.8449

0.0000

298.9258,
303.8072, 202.5177

■ 0.0000, 0.0000,
0.0000

■ 44.3236, 43.6675,
17.1589

■ 44.3236, 43.6675,
17.1589

■ 41.9690, 40.3317,
12.1404

■ 47.0493, 47.3123,
23.6372

■ 39.9578, 37.2859,
8.4593

■ 50.1647, 51.2714,
31.6793

■ 38.2629, 34.5181,
5.9773

■ 53.6908, 55.5576,
41.3823

■ 36.8502, 32.0113,
4.5238

■ 57.6461, 60.1809,
52.8348

■ 36.2619, 30.9223,
4.0574

■ 62.0476, 65.1508,
66.1191

■ 66.9115, 70.4763,
81.3122

■ 72.2531, 76.1660,
98.4865

■ 75.9218, 81.3621,
106.3107

■ 78.3634, 86.2454,
107.1246

Harmonies

Analogous

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



51.8185, 43.6675, 22.4104



44.3236, 43.6675, 17.1589



36.9012, 43.6675, 17.9597

Triad

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



44.3236, 43.6675, 17.1589



29.1755, 43.6675, 62.6089



53.5586, 43.6675, 80.5210

Complementary

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



44.3236, 43.6675, 17.1589



26.7622, 26.7380, 68.0401

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.



46.4758, 43.6675, 99.0430



44.3236, 43.6675, 17.1589



32.6591, 43.6675, 86.7127

Square

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



44.3236, 43.6675, 17.1589



28.7481, 43.6675, 40.0785



38.8078, 43.6675, 101.6024



57.5669, 43.6675, 55.8889

Rectangle

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



44.3236, 43.6675, 17.1589



32.9530, 43.6675, 21.9137



38.8078, 43.6675, 101.6024



51.4209, 43.6675, 87.9518

Sweetspot

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



44.3246, 43.6696, 17.1598



83.7254, 87.2875, 74.4915



37.2109, 24.8146, 29.0545



17.6619, 18.3830, 15.1878



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.



44.3246, 43.6696, 17.1598



61.3507, 58.7485, 17.0588



51.0676, 62.1558, 20.3726



13.0511, 13.6764, 13.1126



21.7946, 18.7065, 2.4620



1.3937, 1.2866, 0.1749

Inverse Universe

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



26.7622, 26.7380, 68.0401



33.1402, 31.6072, 98.9619



22.6212, 16.4544, 66.2734



12.1322, 12.7879, 15.7664



9.2867, 6.8351, 39.2830



0.6392, 0.5703, 2.3957

Previews

White Background



This preview shows how the XYZ color 44.3236, 43.6675, 17.1589 looks on a white background.

Color Contrast Check

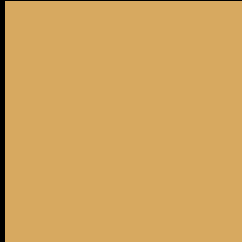
Large Text (above 18pt) WCAG AA × Fail

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 44.3236, 43.6675, 17.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

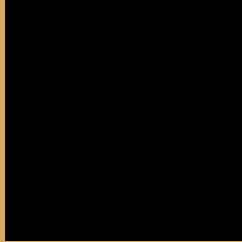
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3236, 43.6675, 17.1589

Background



This preview shows how black text looks on a background with the XYZ color 44.3236, 43.6675, 17.1589.



This preview shows how white text looks on a background with the XYZ color 44.3236, 43.6675,

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

44.3236, 43.6675, 17.1589

Protanopia

40.2224, 43.8145, 18.1415

Deuteranopia

44.4329, 43.4487, 17.1109



Tritanopia

49.8360, 43.4923, 44.7979

Trichromacy



Original Color

44.3236, 43.6675, 17.1589

Protanomaly

41.6978, 43.7105, 17.7945

Deuteranomaly

44.4329, 43.4487, 17.1109

Tritanomaly

47.3447, 43.2681, 32.2418

Monochromacy



Original Color

44.3236, 43.6675, 17.1589

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9271, 42.3992, 33.2209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3236, 43.6675, 17.1589 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(215, 169, 96)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 96)  
}
```

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(215, 169, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 96) }
```

Border

The CSS property to change the border of an element to XYZ 44.3236, 43.6675, 17.1589 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(215, 169, 96) }
```


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

```
.border{ border-color:rgb(215, 169, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 169, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 169, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 169, 96);  
box-shadow:4px 4px 4px 4px rgb(215, 169,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3236, 43.6675, 17.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 96) }
```

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

```
.background{ background-color: rgb(215,  
169, 96) }
```

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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