

Converting Colors

XYZ(43.8731, 44.5622, 17.1155)

Have a look what the booklet for
XYZ(43.8731, 44.5622, 17.1155)
contains.

XYZ(43.8731, 44.5622, 17.1155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8731, 44.5622,
17.1155)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AD5F
RGB	211, 173, 95
RGB Percent	83%, 68%, 37%
CMY	0.1726, 0.3215, 0.6274
CMYK	0.00, 0.18, 0.55, 0.17
HSL	40°, 57%, 60%
HSV	40°, 55%, 83%
XYZ	43.8731, 44.5622, 17.1155
YIQ	175.4700, 47.6860, -16.2020

Conversions

Conversions Part 2

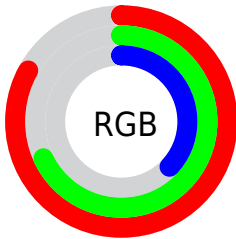
Format	Color
RYB	152, 211, 95
Decimal	13872479
CIELab	72.60, 4.51, 44.83
CIELCh	73, 45.052, 84.256
Yxy	44.5622, 0.4157, 0.4222
Android (android.graphics.Color)	4292062559 (0xFFD3AD5F)
YUV	175.4700, -39.6717, 31.1598
Hunter-Lab	66.7549, 0.4938, 31.5269

Details

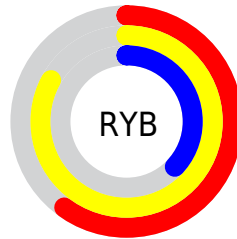
The XYZ color **43.8731, 44.5622, 17.1155** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **24.8645, 23.9103, 64.9325**, and the grayscale version is **41.1743, 43.3186, 47.1739**.

A 20% lighter version of the original color is **74.2499, 78.8534, 38.9106**, and **20.6375, 20.7342, 5.3970** is the 20% darker color. If you saturate the color by 10%, you get **41.7500, 41.6487, 12.2999**, and if you desaturate by 10%, it is **46.3267, 47.7210, 23.3236**.

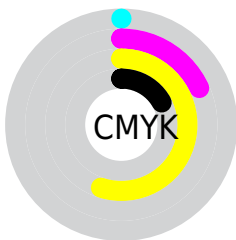
Distribution



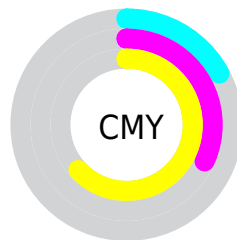
- Red (83%)
- Green (68%)
- Blue (37%)



- Red (60%)
- Yellow (83%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (55%)
- Black (17%)



- Cyan (17%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8731, 44.5622, 17.1155 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 43.8731, 44.5622, 17.1155 by changing the saturation by 10% instead.

■ 43.8731, 44.5622,
17.1155

■ 43.8731, 44.5622,
17.1155

353.0511,
364.9976, 247.9035

■ 30.7682, 31.1127,
10.1540

■ 80.2743, 82.0631,
39.3176

■ 20.5734, 20.6847,
5.3943

■ 104.3013,
106.8832, 55.3954

■ 12.9232, 12.8937,
2.4177

■ 132.6998,
136.2624, 75.3490

■ 7.4523, 7.3554,
0.7960

■ 165.8351,
170.5850, 99.5969

■ 3.7954, 3.6853,
0.0000

204.0725,
210.2355, 128.5579

■ 1.5870, 1.4992,
0.0000

247.7774,

■ 0.3839, 0.2881,

255.5981, 162.6502

0.0000

297.3152,
307.0573, 202.2926

■ 0.0000, 0.0000,
0.0000

■ 43.8731, 44.5622,
17.1155

■ 43.8731, 44.5622,
17.1155

■ 41.7500, 41.6487,
12.2999

■ 46.3267, 47.7210,
23.3236

■ 39.9316, 38.9634,
8.7604

■ 49.1276, 51.1284,
31.0225

■ 38.3930, 36.4964,
6.3664

■ 52.2952, 54.7954,
40.3046

■ 37.1026, 34.2333,
4.9568

■ 55.8465, 58.7302,
51.2541

■ 36.5202, 33.1615,
4.4760

■ 59.7971, 62.9406,
63.9489

■ 64.1618, 67.4341,
78.4624

■ 68.9545, 72.2177,
94.8635

■ 72.7385, 76.7180,
105.5821

■ 74.6812, 80.6035,
106.2297

Harmonies

Analogous

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



51.7286, 44.5622, 21.3533



43.8731, 44.5622, 17.1155



36.4909, 44.5622, 18.9625

Triad

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



43.8731, 44.5622, 17.1155



30.1061, 44.5622, 68.3787



55.7227, 44.5622, 78.1663

Complementary

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



43.8731, 44.5622, 17.1155



24.8645, 23.9103, 64.9325

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.



48.8160, 44.5622, 99.1257



43.8731, 44.5622, 17.1155



34.1883, 44.5622, 92.3675

Square

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



43.8731, 44.5622, 17.1155



29.1231, 44.5622, 44.3495



40.8724, 44.5622, 104.9922



59.0880, 44.5622, 52.9454

Rectangle

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



43.8731, 44.5622, 17.1155



32.7321, 44.5622, 23.8114



40.8724, 44.5622, 104.9922



53.7002, 44.5622, 86.2189

Sweetspot

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



43.8742, 44.5643, 17.1164



85.0471, 89.4132, 76.5283



35.2363, 23.7457, 25.1593



17.9534, 18.8639, 15.5993



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.



43.8742, 44.5643, 17.1164



63.5732, 63.1936, 17.7996



47.0138, 58.5777, 19.6558



12.4635, 13.1177, 12.4871



22.1370, 20.2070, 2.7336



1.3085, 1.2713, 0.1764

Inverse Universe

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



24.8645, 23.9103, 64.9325



31.5996, 28.5260, 98.4483



22.8334, 16.4879, 63.6069



11.4754, 12.0411, 14.9630



8.4680, 5.5827, 37.8237



0.5454, 0.4559, 2.1388

Previews

White Background



This preview shows how the XYZ color 43.8731, 44.5622, 17.1155 looks on a white background.

Color Contrast Check

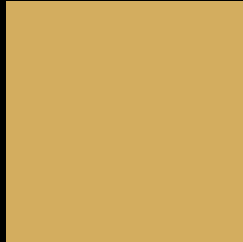
Large Text (above 18pt) WCAG AA × Fail

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 43.8731, 44.5622, 17.1155 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 43.8731, 44.5622, 17.1155

Background



This preview shows how black text looks on a background with the XYZ color 43.8731, 44.5622, 17.1155.



This preview shows how white text looks on a background with the XYZ color 43.8731, 44.5622,

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

43.8731, 44.5622, 17.1155

Protanopia

40.8430, 44.4396, 17.7343

Deuteranopia

45.3995, 44.4994, 17.2628



Tritanopia

50.0254, 44.5909, 47.0446

Trichromacy



Original Color

43.8731, 44.5622, 17.1155

Protanomaly

41.7240, 44.3127, 17.4204

Deuteranomaly

44.6986, 44.4174, 17.2839

Tritanomaly

47.1095, 44.1911, 33.6506

Monochromacy



Original Color

43.8731, 44.5622, 17.1155

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0634, 43.0388, 33.3372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8731, 44.5622, 17.1155 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(211, 173, 95)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 95)  
}
```

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(211, 173, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 95) }
```

Border

The CSS property to change the border of an element to XYZ 43.8731, 44.5622, 17.1155 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(211, 173, 95) }
```


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

```
.border{ border-color:rgb(211, 173, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 95);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8731, 44.5622, 17.1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 95) }
```

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

```
.background{ background-color: rgb(211,  
173, 95) }
```

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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